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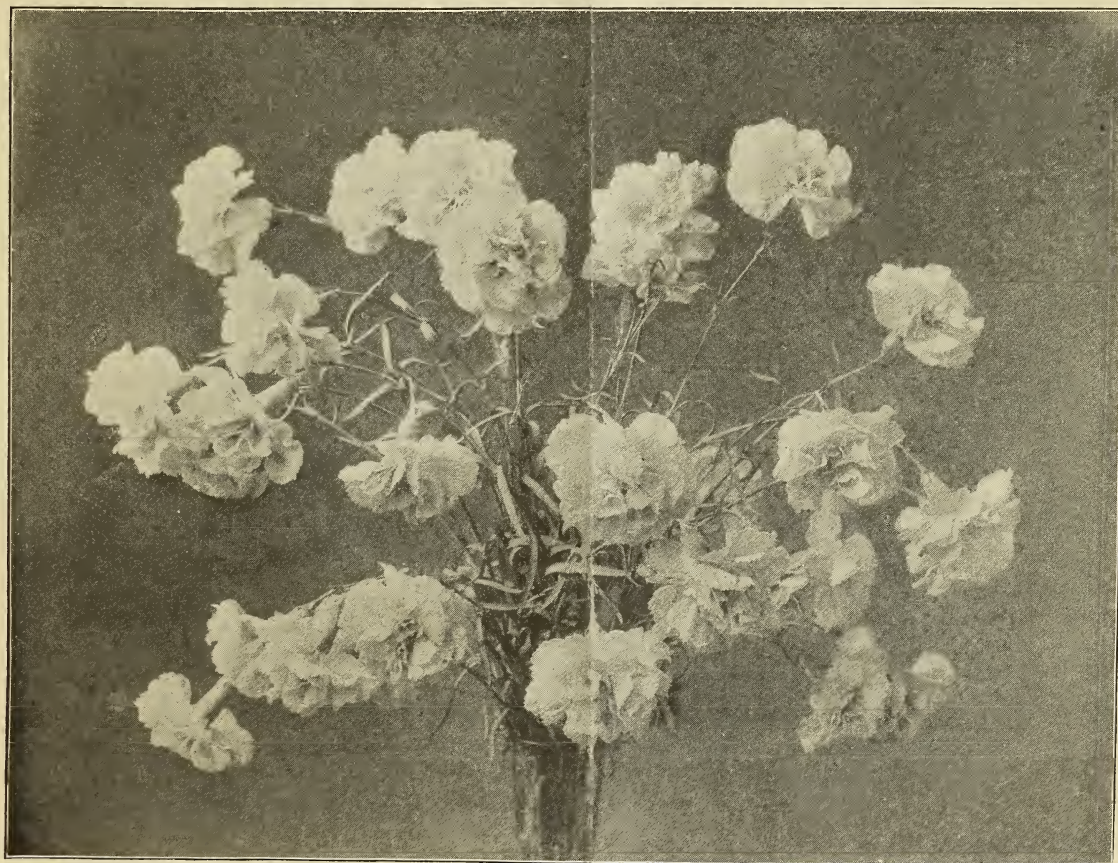
JUL 20 1923

THE COTTAGE GARDENS

QUEENS, NEW YORK

January, 1899

Trade Price List



CARNATION, MRS. JAMES DEAN.

WHOLESALE GROWERS OF

Florists' Specialties and Novelties

THE LATEST AND BEST NOVELTIES IN CARNATIONS, CANNAS,
CHRYSANTHEMUMS, GERANIUMS, PAEONIES, DAHLIAS, ALSO
ASPARAGUS, FERN, KENTIAS, AND STANDARD FLORIST STOCK.

TERMS.

This List Cancels all Previous Quotations.

Terms of Sale. 25 or more of one sort will be sold at the 100 rate and 250 or more at the 1000 rate. Prices subject to change without notice.

Credit. 60 days will be given to customers of approved credit, 3 per cent. discount for cash within 15 days from date of invoice, or 5 per cent. discount for cash with order.

No accounts opened for less than \$10.00, and orders for less than \$10.00 must be accompanied by remittance to cover same unless party has a regular account.

Orders from new customers must be accompanied by cash, check or satisfactory reference.

Remittances may be made by P. O. Money Order or Express Money Order on Queens, N. Y., Draft, Check or Registered Letter.

C. O. D. Orders must be accompanied by one-half the amount of the order.

Warantee. We warrant all plants or cuttings that are grown by us to be true to name, to be in healthy growing condition when delivered to express company from our establishment, and we will cheerfully replace any stock not fulfilling these conditions, but we do not warrant any plants of any description to remain free from disease of any kind after they have passed from our care, nor do we assume any responsibility whatever regarding the purchaser's success in cultivating the plants, and every order accepted by us will be filled only upon the above conditions.

Novelties sent out by other growers will be delivered as sent out by introducers, and subject only to introducer's conditions.

All Claims must be made **immediately upon receipt of plants or bulbs.** Later claims will not be considered. Where loss occurs through our fault we will take pleasure in correcting it, but we cannot be held responsible for damages occurring in transit.

The **National, Boston Dispatch, United States and American Express Companies** handle all our express matter direct from our greenhouses at New York City **Rate.** **Plants Packed in Closed Boxes** are billed at 20 per cent. less than Merchandise Rates; for example, when the general rate is \$1.00 per 100 lbs., the rate on plants is 80 cents per 100 lbs.

Prepaid Packages of plants and bulbs weighing 4 lbs. or less will be delivered to all points reached by Express Companies for 30 cents each.

Packing is done by experienced men, and plants and bulbs will carry safely to all points when shipped by express.

Plants and other perishable goods when sent in any other way than by express, are solely at Purchaser's Risk.

Don't Forget to write your name, **Post Office** and **Express Office** address, and plainly state **which Express Company** you prefer to handle your consignments.

We Prefer not to send any Plants by Mail unless the party ordering has no convenient express office.

These Quotations are made subject to crop failures and to goods being unsold upon receipt of order.

Send Your Orders Early. Don't wait until the last of the season when stocks are broken.

THE COTTAGE GARDENS,

C. W. WARD, Manager.

Queens, New York.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

Types of Double Aureole Geraniums.

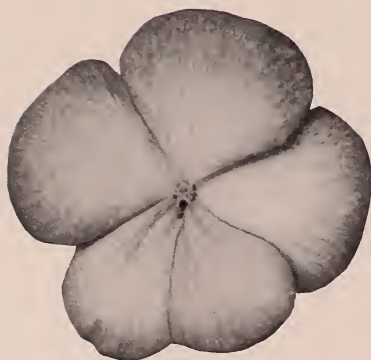


EMANUEL ARENE.
PAUL BARRE.
MME. GOYEUX.



TROUBADOUR.
FRAICHEUR.
TRIOMPHE DE NANCY.

Types of Single Aureole Geraniums.



ANDREW LANG.
THESEE.
MME. HOSTE



MARK TWAIN.
PIERRE LE BRUN.
FORAINE.

To the Trade.

AGAIN we come before our constantly increasing list of patrons with still further enlarged and improved facilities for supplying their wants. Having added largely to our growing houses this season, and also enlarged our propagating houses and heated frames, we have so improved our facilities that we feel confident in being able to supply a much larger demand with a superior class of stock.

The season of 1898 has been the most prosperous in our experience, and 1899 promises still a greater degree of prosperity, and it stands every florist in hand to see that his stock is kept fully up to the increasing standard of excellence to which the flower buying public is being educated.

Thanking our customers for the many kind and commendatory words we have received, and assuring you that we fully appreciate your generous patronage of the past, and that in future we shall spare no pains to continue to improve the quality of our goods, and wishing you an abundant share of the prosperity our country is now entering upon, we solicit a continuation of your esteemed favors.

We offer a largely increased line of Novelties in plants, our list containing the cream of the new things offered this season.

AN OPINION ON NEW CARNATIONS.

OFFICE OF JOHN YOUNG, WHOLESALE FLORIST,
51 W. 28th Street, New York City.

MR. C. W. WARD,

Dear Sir :—*General Maceo* is considered the best dark Carnation coming to New York this season. It sells readily, is a first-class keeper. *General Gomez* is liked by every dealer on account of its pure brilliant color. It is also a fine keeper, and sells at sight. *G. H. Crane* is the finest scarlet Carnation I ever handled, and I could sell all that you could grow another year. It brings the highest price of all. *White Cloud* is the finest white of all. *John Young* best keeper of all. *New York* is in better form than last year and pleases the trade generally. *Mrs. James Dean* is the finest pink of all. *Bon Ton* is a first-class scarlet and sells equally as well as *G. H. Crane*. *Gold Nugget* and *G. M. Bradt* are in great demand and sell out clean upon arrival.

Taking your collection as a whole I consider it the clearest and brightest colored lot of flowers ever sent to the New York market. I hope you will grow five times as many of them another season.

JOHN YOUNG.

We Offer a Grand Lot of

FINE NOVELTIES IN GERANIUMS IN ALL THE LEADING SECTIONS.

Delivery of Novelties.

Carnations, March 1 and thereafter. **Geraniums** in March and afterward; only when well established, as stocks of all **Novelties** are **necessarily limited**.

All orders will be filled **strictly in rotation**.

GERANIUM NOVELTIES—BRUANT SECTION.

Distinguished by broad, heavy foliage, generally deeply zoned, which stands the sun remarkably well. Usually semi-double flowers. Regarded as the most satisfactory for bedding in our climate.



MME. CHAROTTE—TYPE OF BRUANT SECTION.

MME. CHAROTTE. One of the grandest sorts of the Beaute Poitevine class. Dwarf spreading habit, heavy deep green foliage, with unusually distinct chocolate zone. Enormous trusses, 6 in. to 8 in. across on fine foot stalks. Very large round florets, $2\frac{1}{2}$ in. and over in diameter, semi-double, and of a clear, distinct, pure salmon, slightly marked with white at times. Splendid bloomer. A decided acquisition and one of the most attractive varieties yet introduced. 50. cts. each.

MME. LANDRY. Deep-apricot salmon, color of Mrs. A. Blanc. Semi-double. Fine dwarf habit, fine clean nicely zoned foliage. Profuse bloomer, an improvement on Beaute Poitevine. 35 cts. each.

GRIFFITH. Another improvement on Beaute Poitevine. Color deep coppery salmon, same shade as H. Dauthenay. Fine large florets in good trusses. Foliage all that could be desired. Habit compact, and a fine grower and profuse bloomer. One of the best of this class for bedding purposes. 15 cts. each; \$1.25 per doz.; \$10.00 per 100.

A Charming New Class is the DOUBLE AUREOLE SECTION.

(See Plate facing second cover page.)

Distinguished by a white or blush-white ground, with petals more or less heavily banded with pink, crimson, scarlet or carmine, with shadings and splashings of varied colors over the white centres. Very striking and attractive. The most novel of any of the new sections of Geraniums, some of them being of startling distinctiveness. Set of seven varieties \$4.50.



HUBERT CHARRON—TYPE OF DOUBLE AUREOLE.

HUBERT CHARRON. A very beautiful semi-double. Clear white centre, with a heavy band of reddish carmine around each petal, maculated pure white. Could be called a double Camille Bernardine. Fine habit, profuse bloomer. Unique, showy and striking. One of the finest of this class. \$1.00 each.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

GERANIUM NOVELTIES—Continued.

MME. GOYEUX. Soft rosy pink, with large white blotch in centre. Dwarf, yet vigorous habit. Fine truss well above foliage. Individual floret very large. Very profuse bloomer. A charming flower that attracts attention at once. A pretty attractive color and easily grown. 75 cts. each.

PAUL BARRE. Delicate rosy pink bands shading to flesh pink, with large snow-white centre. Florets 2 in. to 2¼ in. in diameter; very large, round trusses. Habit strong and vigorous. Foliage large, clean, and of a pleasing shade of green. One of the most attractive of this class. 75 cts. each.

EMANUEL ARENE. Double. Very large, round floret, 2 in. to 2½ in., pure white, with broad bands of rosy scarlet. Clear and distinct. Extremely vigorous grower, throwing the large trusses well out on strong stems. Showy, distinct, startling and unique. Very desirable. \$1.00 each.

TROUBADOUR. Fine round, semi-double floret, 2 in. in diameter, in good trusses. Color a lively scarlet, and upper petals maculated with white, with white centre. Dwarf, compact grower, profuse bloomer. Very effective. 50 cts. each.

PREDICTION. Reddish violet, bordered with carmine, maculated, veined and dotted with lively rose, shading to white at centre. Strong, vigorous, compact habit, free grower and profuse bloomer. Quite a novel flower. 75 cts. each.

HENRI DE PARVILLE. Pure white centre, suffused with a rich lake on the upper margin, surrounded with broad bands of bright carmine-rose. Large semi-double floret. Strong, compact habit. Profuse bloomer. 50 cts. each.

Set of seven varieties \$4.50.

A Unique Section.**DOUBLE PICOTEEES.**

(See Plate facing second cover page.)

Distinguished by white or blush-white grounds with a Picotee margin of color to each petal, sometimes dotted and splashed with light shades of the marginal color. The most chaste and distinct race yet seen.

LA FRAICHEUR. Quite double, pure snow-white, distinct narrow Picotee, edge of clear rosy pink. The effect is especially fresh and delightful. Dwarf, compact, very vigorous grower and an abundant bloomer. No florist should miss this variety. \$1.00 each.

MME. ALCIDE BRUNEAU. Very similar to above. Dwarf, compact habit, free bloomer; large, nicely formed flowers, pure white, with distinct narrow Picotee edges of rosy carmine; equally as effective as above; sometimes flushed with bright rose in bright sunny weather. \$1.00 each.

Set of seven Double Aureoles and two Picotees \$6.00.

DOUBLE CRIMSONS.

Generally deep scarlet ground, veiled with a rich maroon shading. Some of the varieties are remarkable for their intense rich shades. This section attracts more attention each year, and furnishes some of our most striking and effective bedders, such as S. A. Nutt, Phonograph, etc.

RYECROFT PRIDE. One of the best double crimson we have had. Very large floret, 2 in. in diameter, borne in large, fine trusses. Color a pure crimson as in Meteor Rose, upper petals shaded bright scarlet. Habit compact, dwarf, vigorous and healthy. 35 cts. each.

DOUBLE HENRY JACOBY. A fine double form of the well known H. Jacoby, which has probably been disseminated to a greater extent than any other single Geranium. Color rich brilliant crimson, upper petals heavily shaded with bright scarlet-maroon, producing a brilliant and striking effect, approached by no other variety. Habit dwarf, very floriferous. A welcome addition. 25 cts. each.

M. CANOVAS. Immense trusses of brilliant fiery scarlet flowers with velvet maroon shadings, on long, stiff stems. Habit very vigorous. Foliage heavy, and a very strong grower. 50 cts. each.
Set of three varieties \$1.00.

DOUBLE PINKS.

MAZARIN. Tender rosy lilac, with white centre. Large trusses, fine large florets, fine strong plant. A unique and chaste color. 35 cts. each.

MODESTY. Not a new variety, but one of the prettiest and most delicate double pinks for pot culture. Color a pure clean shade of flesh-pink, identical with the single Madonna. This variety has not been generally grown and its merits seem to have lain dormant. May be properly called a double Madonna. 15 cts. each; \$1.50 per dozen.

DOUBLE SALMON PINKS.

NYDIA. Dwarf, compact habit. Cream-white flowers with a beautiful high colored salmon-pink centre. Very free. A neat chaste variety, suitable for pot culture. 20 cts. each.

RENA BAZIN. Semi-double flowers. Color a rich and peculiar shade, described as an Aurora Nankin. Marbled and veined with tender rose and white, compact, dwarf grower, free bloomer. Quite distinct. 35 cts. each.

REPUBLIQUE. Not a new sort, but so chaste and delicate that we are tempted to offer it among the list of novelties. Delicate apricot-salmon, shading to a picotee-edge. Large, round floret. Nice clean, compact grower. Dwarf and a free bloomer. Makes a fine pot plant. Stock limited. 20 cts. each; \$2.00 per dozen.

Set of five varieties of Double Pink and Salmon Pink for \$1.00.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

GERANIUM NOVELTIES—Continued.

FANCY VARIEGATED VARIETIES.

FREAK OF NATURE. An improvement on Happy Thought, very dwarf habit. Entire centre of leaf white, with narrow border of green. 15 cts. each; \$1.50 per dozen.

GOLDEN BRILLIANTISSIMA. Very dwarf habit, leaves light pea-green, distinctly margined with white, which is tipped and blotched with golden-yellow. A beautiful variety for very dwarf edgings; vivid scarlet flowers. 10 cts. each; \$1.00 per dozen.

BRILLIANTISSIMA. Very dwarf habit, foliage pea-green, distinctly margined with white. Valuable as a very dwarf margin, as it makes a distinct line of bright scarlet flowers. 10 cts. each; \$1.00 per dozen.

The three for 25 cts.

good size, freely produced. Color a distinct and pleasing shade of soft salmon-pink. 25 cts. each.

MISS CLARA WALKER. A lovely shade of salmon-cerise. A fine habit and exceedingly profuse bloomer. 15 cts. each.

Set of four for 50 cts.

DOUBLE CARMINE AND PURPLE.

Distinguished by compact, free flowering habits, and brilliant velvety shades; generally very profuse bloomers. This class contains many good bedders in odd, striking colors.

KLEBER. Very large trusses, borne in great profusion, rigidly erect, well above foliage. Color dark aniline-violet, rich and striking. Habit compact and rigid. One of the most striking of this class. 35 cts. each.



GERANIUM PROPAGATION AT COTTAGE GARDENS.

IVY LEAVED SECTION.

DUKE OF EDINBURGH. Variegated, bright green foliage, with broad white margin. As healthy and free in growth as the green leaved varieties. 15 cts. each; \$1.25 per dozen.

MRS. H. T. WOODERSON. Seedling of Souv. de Chas. Turner and identical in every way save color, which is a much deeper and more showy shade. An improvement on Souv. de Chas. Turner and sure to become a favorite. 15 cts. each; \$1.50 per dozen.

ACHIEVEMENT. A unique novelty. A cross between Souv. de Chas. Turner and a pure white Zonale. Habit and flower resembles both parents. Habit is sturdy, like the Zonale, while foliage is a combination of Zonale and Ivy. Flowers large, with nice, smooth, semi-double petals. Trusses of

LA FAYETTE. Large, spherical trusses. Color deep violet-crimson. Dwarf habit, fine, compact grower. One of the most profuse bloomers of all. A magnificent variety. 35 cts. each.

LOHENGRIN. Grand trusses, color a dark crimson-aniline, with fiery upper petals, very strong and vigorous grower. Distinct and striking. 35 cts. each.

CÆSAR. Large trusses. Color a rich red-solferino, very brilliant and effective. Good, clean dwarf habit, very free bloomer. Attractive and one of the best of this class. 35 cts. each.

ANNIBAL. Very large trusses. Color violet-solferino, upper petals suffused with fiery scarlet. Good grower, compact habit, very free bloomer. 25 cts. each.

Set of five varieties \$1.25.

ENGLISH ROUND FLOWERED SECTION.**For Pot Culture.**

Distinguished by immense perfectly round individual florets of great substance and splendid lasting qualities when grown under glass. Most of the varieties will not stand our hot, drying winds and severe storms as bedders. This section may be designated as the highest development of the Geranium, and contains the finest and most striking and purest colors. Florets $2\frac{1}{2}$ to $2\frac{3}{4}$ inches across are not unusual, when plants are well grown under glass, and some varieties have been grown 3 inches in diameter.



NEW GERANIUM HALL CAINE—TYPE OF ENGLISH ROUND FLOWERED SECTION.

HALL CAINE. Immense pips, $2\frac{1}{2}$ to $2\frac{3}{4}$ in. in diameter, held high above the foliage in fine trusses. Bright cherry-red. A striking flower, its telling color and immense size attracting universal attention. A fine vigorous grower. 75 cts. each.

GERANIUMS—English Round Flowered Section—Continued.

IAN McLAREN. A grand flower, $2\frac{1}{4}$ to $2\frac{1}{2}$ in. in diameter, perfectly round, of great substance. A very deep, warm salmon, paler at margin of petals, deepening to nearly an orange at the centre. A grand flower, in size, form and color one of the finest geraniums we have seen. Splendid grower. 75 cts. each.

HERRICK. Immense, fine circular flower of great substance. Color a glowing crimson-scarlet of great brilliancy and richness. One of the largest flowers and most telling colors in this class, 50 cts. each.

RUDYARD KIPLING. Fine dwarf, free-blooming habit. Well shaped round bloom, $2\frac{1}{2}$ in. in diameter, of great substance. Color rich crimson-purple, with glowing crimson blotch at base of upper petals. A magnificent and striking variety. 75 cts. each.

PLUTON. Enormous trusses. Grand, round flowers of a rich, reddish shade of crimson. Splendid habit. Trusses produced in great abundance and held perfectly erect. Fine compact dwarf habit. Very rich and effective. 35 cts. each.

PINK DOMINO. A charming addition to the pink class. Broad, circular florets in bold, erect trusses. A lively shade of pure pink. Splendid dwarf, bushy habit. 35 cts. each.

GERTRUDE PEARSON. One of the older sorts that is always scarce. A fine dwarf habit, with foliage attractively zoned. Color pure rose-pink, with a conspicuous white blotch on the two upper petals. The flower is of beautiful form and largest size. A profuse bloomer. Trusses held erect, well above foliage. One of the most attractive and pleasing geraniums grown. \$1.00 per dozen; \$6.00 per 100.

Set of seven for \$3.00.

SINGLE AUREOLES.

(See Plate facing first page.)

MARK TWAIN. A striking variety of the English round-flowered type. Individual florets very large and of great substance, lasting well when cut, as the petals do not fall readily. Ground

color nearly white, closely dotted and flaked with carmine, color deepening to a rich lake at the margin of the petals. Strong, vigorous habit. The most striking variety to date. 75 cts. each.

PIERRE LE BRUN. Enormous trusses, flower large, perfectly round. Color deep rose, completely marbled and veined with a sable-carmine, edge of petals very lively with brighter shades. May be termed a rosy scarlet Fleur Poitevine. Habit vigorous and strong, and a free and continual bloomer. A grand and novel sort. 35 cts. each.

MME. CADEAU. Fine, large truss, large florets. Ground color white, bordered with rich, rosy carmine, with veins and marbling of paler carmine tints. Vigorous, strong habit. Exceptionally free bloomer. One of the best of this class. 15 cts. each; \$1.25 per dozen.

THESEE. Large floret. Color rosy-orange, with very large, white blotch in centre. Trusses hold the florets better than in most varieties of this class. Habit dwarf, compact and especially free. A fine sort. 15 cts. each; \$1.25 per dozen.

SINGLE SPOTTED, or PIQUETED VARIETIES.

An entirely new race, distinguished by delicate points and dots of carmine or pink, on white or light rose grounds. An exceedingly novel and attractive section.

GEORGE SAND. Almost pure white, large, perfectly round flower, with the entire centre delicately punctuated with very lively carmine points. Fine large trusses, borne perfectly erect on long, stiff footstalks. The prettiest thing in Geraniums. A perfect gem. 75 cts. each.

FORAINE. Well shaped trusses of perfectly round flowers. Color delicate rose, maculated with white on upper petals, centre of flower punctuated with bright violet-carmine dots. Very lively and chaste. A fit companion to the above. 35 cts. each.

Set of five Aureoles and two Spotted Varieties for \$3.00.

NOVELTIES IN PELARGONIUMS.

The advance in the Pelargonium is keeping full pace with general floricultural improvement, and we now have varieties which make as handsome pot plants as the azalea, and in addition are valuable for cut blooms. Some of the newer double sorts are excellent for design work, lending a grace and purity of color not found in other blooms used for that purpose.

Fine plants from 3-inch pots, \$1.50 per doz.; \$10.00 per 100, except where noted otherwise.

SANDIFORD'S SURPRISE. A charming flower of splendid habit. Large black blotches on upper petals which have a fiery red edge, surrounded with broad white band, with bright red spots in centre of each lower petal. Continues a long time in bloom, and is one of the most distinct varieties in cultivation. 25 cts. each; \$2.50 per doz.

SANDIFORD'S BEST. A new and distinct flower of a beautiful shade of pink, surrounded with wide band of purest white and with a large white throat. The plant is a marvelously free bloomer, trusses are very large, round and very attractive. A most charming variety. 25 cts. each; \$2.50 per doz.

COUNTESS. Bright cerise, with dark blotch on upper petals and white throat, the last being

very pure and well defined, gives the flower a striking appearance; plant very dwarf and free.

MARIE MALET. White, with maroon-crimson blotches on all five petals, remarkably dwarf and free blooming.

H. M. STANLEY Bright rosy crimson, upper petals shaded scarlet and heavily blotched. The flowers are produced in marvelous profusion.

EDWARD PERKINS. Bright orange-scarlet, dark blotch on upper petals, good habit and very free.

GOLDMINE. Bright orange, feathered in upper petals, habit good, exceedingly free and effective.

MRS. ROBERT SANDIFORD. Grand double white variety; one of the finest. The flower is of large size, well doubled, beautifully ruffled along the edges of the petals, and of glistening, snow-white color. \$1.00 per doz.; \$8.00 per 100.

PELARGONIUMS—Continued.

VICTOR. This variety is grown by the thousands and finds a ready sale. It is a bright cherry-pink, white at base of petals, with deep crimson-maroon blotch on centre of petals. 2 inch pots, \$1.00 per doz.; \$6.00 per 100.

MME. THIBAUT. Double. One of the best known florist's varieties. \$1.00 per doz.; \$8.00 per 100.

DOROTHY. Another well-known and valuable sort, Splendid bloomer. \$1.00 per doz.; \$8.00 per 100.

MRS. LAYAL. Small flowers, resembling the pansy in appearance, commonly sold as pansy-geranium. A mass of flowers during the blooming season. 2 inch pots, \$1.00 per doz.; \$6.00 per 100.

SANDIFORD'S WONDER. A splendid semi-double white flower, very pure color, some blooms showing a small maroon spot in upper petals. Petals are heavily fringed. A decided advance, and the many admirers of the Florist's Pelargonium will welcome this grand variety as invaluable for all classes of floral work. The plants are a snowbank of flowers during the entire blooming season. 25 cts. each; \$2.50 per doz.

Also additional named varieties in assortment. 2½ inch pots, \$4.00 per 100.



PELARGONIUM WONDER.

Manda's Hybrid Wichuraiana Roses.

These new roses have proven everything that has been claimed for them, and will be in greater demand than ever, especially large plants for forcing purposes, for which they are well adapted. We offer the following sizes. Strong 2-inch plants, 75 cts. per doz.; \$4.00 per 100. Extra strong 2-year-old field grown roots \$5.00 per doz.; \$35.00 per 100.

MANDA'S TRIUMPH. (Manda). This grand rose is of free growth, luxuriant foliage, and produces large clusters of double, pure white flowers, 2 inches in diameter, beautifully imbricated and well formed, very sweet scented. Grand Easter plant.

UNIVERSAL FAVORITE. (Manda). This is the most vigorous plant of the set. The long branching shoots are covered with dense bright green foliage. The double flowers are over 2 inches in diameter, and of a beautiful rose color, similar to the Bridesmaid, and deliciously fragrant. A grand variety for any purpose. Grand Easter plant.

SOUTH ORANGE PERFECTION. (Manda). This is a gem, growing freely close to the ground, and having multitudes of the most perfectly formed double flowers, about 1½ inches in diameter, soft

blush-pink at the tips, changing to white. It lasts a long time in perfection.

PINK ROAMER. (Manda). This is without question a hybrid between the Sweetbriar, and carries these characteristics in bloom, while the growth, which is very rampant, and the luxuriant foliage, partake more of the Wichuraiana. The single flowers, which are produced in close heads, are nearly 2 inches in diameter, bright rich pink, with almost a white centre, which lightens up the orange-red stamens, producing an effect which, combined with fragrance, make it one of the most valuable roses in cultivation. Taking them together, the set of the four above varieties should be in every garden, and I am sure they will prove more valuable than the celebrated Crimson Rambler, as they are of a much more vigorous growth. Some shoots made last season were from 15 to 20 feet in length, which is marvelous among roses.

NOVELTIES IN CARNATIONS.

The constant increasing deserved popularity of this the choicest and most useful of all florists' flowers has shown no signs of abating, but on the contrary the demand as well as the prices received for good carnations have been stronger during the season just passed than in any previous season.

The flower buying public have evidently become acquainted and learned in a measure to appreciate the durable merits of the improved spicy beauties, and to this knowledge we may attribute much of this increased interest and demand.

While some varieties disseminated have not met with substantial success, many of the newer sorts are fast becoming standards, and when carnation growers generally learn to treat the new varieties according to their particular needs, we shall see a still more marked improvement in the average carnation offered for sale, and a consequent marked increase in the demand.

We have nine large houses devoted to growing and testing new varieties, and having added ample propagating houses and heated frames in which to carry young plants, our customers may be assured of getting plants that have been grown under the best possible conditions.



HOUSE OF NEW CRIMSON SEEDLING GEN'L MACEO.

GEN'L MACEO. (Ward). Very full deeply fringed flower, $2\frac{1}{2}$ in. to $2\frac{3}{4}$ in. in diameter, on stiff, wiry stems, 12 in. to 18 in. long under ordinary culture. Under extra culture blooms 3 in. in diameter, on 18 in. stems may be grown. Ground color deep brilliant scarlet, heavily overlaid with maroon, making one of the darkest and richest shades yet seen in carnations, fully as rich and striking as the Meteor rose. Habit erect, stiff, wiry—of the McGowan type, but with stiff, stronger stems. Foliage covered with rich glaucous bloom. Cuttings produced as freely as with McGowan and root fully as easily as that variety. The most profuse and abundant bloomer we have ever grown, outblossoming every other variety. Flower an excellent keeper and can remain on the plant six to eight days, and we have kept it three and a half weeks in a cool bedroom. The best and most profitable dark carnation we have grown. \$10 per 100; \$75 per 1,000.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.



NEW CARNATION G. H. CRANE.

G. H. CRANE. (Dorner.) We do not hesitate to recommend this as the coming scarlet carnation. Nothing will equal it. Tested three years and has proven to be a most satisfactory variety, not alone as a scarlet, but as a commercial carnation. A large flowering sort, producing both quality and quantity. It comes into flower early and continues an even all-season bloomer. Produces an average 3 in. bloom, having smooth outer petals with a well built-up centre, a strong, well-formed calyx, a 16 in. to 18 in. stem of remarkable firmness, holding the flower erect in the early part of the season as well as the later spring months, a delightful fragrance, and in color a clear, brilliant scarlet, with no tendency to fade. Growth strong and robust, clean, hard, broad foliage and makes a strong, well-formed plant. It lifts and transplants from the field without any noticeable signs of wilting. Model growth, stem, flower, color, and a most essential quality, being in full flower when most needed, recommends it to every grower. Received American Carnation Society certificate in Chicago, February, 1898, receiving ninety-two points; certificate and silver medal at Chicago Chrysanthemum Show, November, 1898; certificate at Indianapolis, November, 1898. Rooted cuttings, \$2 per doz; \$10 per 100; \$75 per 1,000.

GLACIER. (Ward.) 2 in. to 3 in. bloom on stiff stems, 10 in. to 15 in. long. Purest snow-white. Habit dwarf, resembling old Snowdon, enormously prolific, an early bloomer. Flower of great substance and an excellent keeper. Marked clove fragrance. An easy grower, thriving under almost all conditions. Valuable for making up when grown as short stems; as blooms are large and fill up fast, and when disbudded and given extra culture, blooms $3\frac{1}{4}$ in. in diameter on 14 in. to 15 in. stems can be grown. Stock limited. \$10.00 per 100.

MELBA. (Craig & Son and May.) This is a grand combination of good qualities; free bloomer, early and continuous; in point of color the finest pink carnation yet produced; large and perfect form; very fragrant; long, stiff stem. Was very profitable in the New York and Philadelphia markets last winter. Winner of the Craig Cup and Certificate, November, 1897; Certificate, Morristown and Port Chester Shows; Certificate and Silver Medal, Chicago, 1898. Price \$2.00 per doz. \$10.00 per 100, 50 at 100 rates; \$75.00 per 1,000, 500 at 1,000 rates.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

NEW CARNATIONS—Continued.

GEN'L GOMEZ. (Ward.) Brilliant Cardinal-maroon. $2\frac{1}{2}$ in. to $2\frac{3}{4}$ in. in diameter, fine stems 16 in. to 24 in. long. Strong, vigorous, very healthy habit. Blooms fully as freely as Portia, resembles Scott in habit and seems to have fully as good a constitution as that variety. Calyx is strong and not at all inclined to burst. Flower is full and well fringed and of a very pleasing form, good fragrance. The color is magnificent and as rich and brilliant as the Cardinal flower, without the slightest tendency to turn black; in fact, no crimson carnation has ever come to our notice possessing such a vivid brilliant shade of color. Produces cuttings as abundantly as Scott, which are easily rooted. Stock limited, \$10 per 100.

GOVERNOR GRIGGS. (Jos. Towell.) Strong healthy grower, free from disease of all kinds, continuous free bloomer, with erect stiff stems, 18 to 20 inches long, similar in color to Daybreak, but much brighter; edge beautifully fimbriated, good shape, with full centre, and does not burst. Commands the highest prices in New York market. Recommended as one of the best light pink carnations ever sent out. Price \$1.50 per doz.; \$10.00 per 100; \$75.00 per 1000.

DOROTHY SWEET. (Simmons.) Originated by Mr. T. A. Webb, of Corfu, N. Y. It has been thoroughly tested and has proven itself a strong, healthy grower, perfectly free from disease of any kind. The flowers are of average size, borne on long stiff stems, and are freely produced. Color a bright scarlet, similar in shade to Garfield. Recommended as a commercial variety of the first rank. Price \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000.

DUKE OF YORK. (Shelmire.) Blanch x Cæsar. White, very slightly pencilled with light pink. Very large, perfectly formed flowers, often 3 inches. Stems long and very stiff. Does not burst calyx. Plant very bushy, large and healthy. Grows very strong in field. Comes in bloom early and flowers continuously.

LIBERTY. (Shelmire) Wm. Scott x Cæsar. Dark pink, rather bordering on red. Color very brilliant. Good size but not extra large, about $2\frac{1}{2}$ inches. Does not burst. Flowers early, very freely and continuously. Good stem, not so tall in growth as many of the larger kinds. Very vigorous, healthy and bushy plant.

CARDINALIS. (Shelmire.) A Seedling x Cæsar. Deep scarlet flowers, $2\frac{1}{2}$ to 3 inches and well formed. Good keeper. Stems 2 to 3 feet if desired. Upright grower, not bushy, and can be grown pretty thick on the bench.

PROGRESS. Dorothy x Cæsar. White, lightly pencilled with dark pink. Stems long and very stiff. Flowers $2\frac{1}{2}$ inches, often approaching 3. Never bursts. Continuous bloomer.

EMILINE. (Shelmire.) Edna Craig x Cæsar. Magenta-pink. Flowers of largest size—have had them $3\frac{1}{4}$ inches and will certainly average over 3 when well grown. Stems very long. Plant more grassy and bushy than previous two, and needs plenty of room.

Above 5 varieties, Rooted Cuttings, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1000, by express.

VARIOUS NEW PLANTS.

CALLA PENTLANDI. (New Golden-Yellow.) A deep golden-yellow calla, as pure and brilliant yellow as Admiral Dewey chrysanthemum. Fine large flower, lasting a long time on the plant. Its brilliant yellow coloring is heightened by the contrast of the rich seal-brown throat. Matures a very strong bulb, is a good grower, and can be easily forced into bloom at any time after the bulbs have completed their growth and been rested three months. Very scarce. Only a few blooming bulbs to offer at \$4.00 each.



CARNATION GEN'L GOMEZ.

GIANT CUPHEA—TRICOLOR. (New.) A pretty plant for bedding, good grower, covered the season through with its brilliant tri-colored flowers. Habit dwarf, 12 to 14 inches high, very compact. Makes a bright pretty edging. Stands our climate first-rate, and grows as easily as a weed. 75 cts. per doz.; \$5.00 per 100.

PIERRE. (New Double White Petunia.) Raised by Pierre Van Landingham, the well-known superintendent of the greenhouses at Purdue University, LaFayette, Ind. The plant is a vigorous compact grower, covered the entire season with huge double white flowers, 4 to 5 inches in diameter. Invaluable for bedding purposes, and may be used to advantage in design work. $2\frac{1}{2}$ -inch pot, 75 cts. per doz.; \$4.00 per 100.



ACALYPHA SANDERI.

Flowers may be used with violets in design work as the colors are identical. \$1.00 per doz.; \$6.00 per 100.

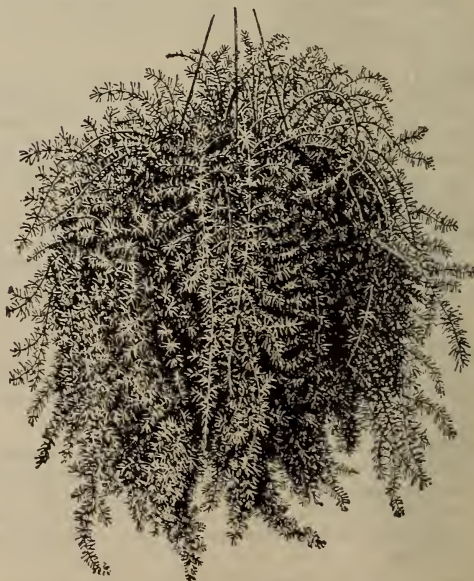
ASPARAGUS SPRENGERI. (New.) Probably the most useful of the asparagus family. A rampant, vigorous grower, producing a grand decorative plant in a 6 inch pot, or 8 to 10 inch pan in the shortest time of any known plant. Planted on a bench in a well aired house it produces an inexhaustible supply of decorative green for cutting, far superior in effect and enduring qualities to any of the ferns, or in fact any other plant. It grows well in hanging baskets. Can be grown as grand specimens, 3 to 4 feet in diameter, in large tubs, urns or pans. Requires plenty of air, heat, light, root room, and is a gross feeder. Must be fed continually when pot bound. We know of no plant adapted to so many and such varied uses as this asparagus. 2-inch pots, \$4.00 per 100; \$30.00 per 1000. 3-inch pots, extra strong, \$6.00 per 100; \$50.00 per 1000. 4-inch pots, \$2.50 per doz.; \$15.00 per 100. 5-inch pots, \$3.00 per doz.; \$20.00 per 100. 6 inch pots, very heavy, \$4.50 per doz. 8-inch pans, 3 strong plants in pan, very bushy, with sprays 16 to 20 inches long, 75 cts. per pan; \$9.00 per doz.

ASPARAGUS RETROFRACTUS ARBOREUS. A strong growing tree-like asparagus that will be very desirable in decorations where a Japanese effect is sought. Strong sprays, 3 to 5 feet long, may be cut. Very scarce as yet. Fine specimen plants in 8 inch pots, ready in April, at \$2.50 each.

MISCELLANEOUS NOVELTIES

ACALYPHA SANDERI. (New.) One of the most curious and striking plants ever brought to the attention of the horticultural world. A strong, rampant grower, susceptible of any sort of heading in or training. Foliage broad, lustrous peagreen in color, giving the plant a clean, neat appearance. Its striking peculiarity, however, is its most curious and brilliantly colored flowers, which are produced from the axils of the leaves in long slender tails, 12 to 16 and more inches in length, which seem to flow from every leaf joint. The color is a brilliant rosy crimson even in midwinter, increasing in intensity and vividness as the season advances. It is as easily grown as a coleus, multiplies as rapidly, and requires the same treatment. While no trial has yet been made, it is the opinion of many horticulturists that this will make a splendid addition to our list of bedding plants. Has been grown and extensively sold as a decorative pot plant by New York florists at very remunerative prices, specimen plants, 6 to 8 inch pots, wholesaling at \$5.00 each and upwards. We know of no plant that will attract as much attention as this acalypha, and every florist should invest in it if for no other purpose than to attract the public to his place. Strong 3 inch plants, immediate delivery, \$1.00 each; \$9.00 per doz. Nice plants, 2-inch pots, May 1st delivery, \$4.00 per doz.; \$30.00 per 100.

BROWALIA GIGANTEA. (New.) A charming new flowering plant that may be put to many useful purposes. The plant is a strong, compact, bushy grower, producing a profusion of florets about 1 to 1½ inches in diameter, of an intense indigo-blue, fully as intense as the Marie Louise or Californian violet. It bids fair to supplant the lobelia as a bedding plant, is valuable for cut flowers, as it is never out of flower, and may be grown as a flowering plant for Easter sales. The colors are identical. Propagates easily. Strikes



ASPARAGUS SPRENGERI.
As a Basket Plant.

NOVELTIES—Continued.



DRACÆNA SANDERIANA.

DRACÆNA SANDERIANA. (New.) One of the prettiest and most elegant plants of recent introduction. Habit slender and upright. Color pea-green, broadly margined and tipped with snow-white, well adapted to many pretty effects, such as fern dish centres or as specimens. When grown several in a large pot or pan the effect is decidedly pleasing. Strong plants for 3-inch pots, 25 cts. each; \$2.50 per doz. Large plants, 3 in group in 6-inch pot, 75 cts. per pot; \$9.00 per doz.

NEW ABUTILONS.

Raised by Lemoine. Set of five for \$1.00.

ARLISIENNE. Very large round flower, tender rose, with white centre. 25 cts. each.

CAMPANILE. Large saucer-shaped flowers, rosy lake, veined with carmine. 25 cts. each.

L'IMMORTELLE. Large saucer-shaped bloom, deep rose, veined with carmine. 25 cts. each.

NABAB. Golden-yellow saucer-shaped flowers, produced in great abundance; very pretty and novel. 25 cts. each.

ROUMISTAN. Very dark purplish wine colored blooms, veined with black; quite distinct. 25 cts. each.

RUSSELLIA ELEGANTISSIMA. (New.) A very striking semi-trailing plant, especially adapted for hanging baskets, vases, or window boxes, where a delicate graceful effect is sought. The plant is skeleton-like in growth, throwing long spikes of rush-like branching foliage, 2 to 3 feet long, which are literally covered with brilliant coral-red florets. Well grown plants, 3 to 4 feet in diameter, look like a shower of delicate coral blossoms. The effect is unique and graceful. Propagates easily, and is a rapid grower as soon as established. Strikes in a cool temperature, and grows finely with geraniums or any warm greenhouse plant. Strong plants, 25 cts. each; \$2.50 per doz.

RUSSELLIA MULTIFLORA. (New.) Similar to above, but more delicate and pendant in growth, and a more profuse bloomer, a well-grown plant, being a perfect shower of bright coral-red flowers—the most dainty basket plant extant. Requirements same as for elegantissima. Strong plants, 25 cts. each; \$2.50 per doz.



ABUTILON SAVITZI.

ABUTILON SAVITZI. (New.) The best of all variegated abutilons, forms a compact bushy plant, free from all trace or appearance of coarseness. Foliage bright pleasing green, broadly edged with white, producing a cheering effect when used as an edging for crotons, cannas, caladiums, or similar plants. Has proved a good outdoor bedder with us, and is peculiarly desirable as an edging for crotons. Fine plants, 2-inch pots. \$1.50 per doz.; \$10.00 per 100.

New Seedling Dahlia STORM KING.

[Exhibited as Blizzard.]

Magnificent perfectly formed snow-white flowers, borne in the greatest profusion on long, strong stems, perfectly suited for cut flower purposes.

The blooms are medium large size, perfect in form, with petals lightly notched. The habit is slightly dwarfer than A. D. Livoni, but is a more profuse bloomer than that variety, while the stems average longer than Livoni, as the plant branches much closer to the ground, and this low branching feature enables the plant to stand winds and drought better than any other variety.

It is a strong, vigorous grower until coming into flower, when it should receive a top dressing of manure or fertilizer in order to support the enormous and continual crop of flowers and prevent the plant exhausting itself. An inspection of the cut will demonstrate the reason for this. This seedling has been exhibited at many flower shows, and has been pronounced the best all-round **white show Dahlia** to date.

It is valuable for **cut flowers**, as a **bedder**, and as a **pot plant**. We have a large stock and offer strong plants of our own growing from 2-inch pots, thoroughly well established for April 15 and later delivery. Price 50 cts. each; \$4.00 per doz.; \$25.00 per 100.



NEW SEEDLING DAHLIA STORM KING.
[From a Photograph of a Field-Grown Plant.]



PRIMULA FORBES

AGERATUM PRINCESS PAULINE. (New.) A distinct new ageratum of an ideal dwarf compact growth, completely smothered with flowers the entire season, grows 8 inches high, and 12 to 16 inches across; every plant a perfect specimen. The florets are white, with purple hairs, producing a sprightly color effect not seen in any other ageratum. The most profuse bloomer and best of all for edgings or bedding. 2½-inch pots, \$1.00 per doz.; \$6.00 per 100.

PRIMULA FORBESI. (New.) A delicate chaste little plant that is attracting quite some attention among Philadelphia and New York florists on account of its fairy-like rose-colored flowers, which are used in the finest floral work. The plant is a wondrously profuse bloomer, throwing a continuous succession of flowers on stems 6 to 10 inches long. Is hardy and easily grown in cold frames, carnation houses, or any cool place in a reasonable amount of light. Propagates readily, and is very easily handled. 2 inch pots, \$1 25 per doz.; \$8.00 per 100.

29 NOVELTIES IN CHRYSANTHEMUMS 29

ADMIRAL DEWEY. (Cottage Gardens.) Certificated at Boston, Philadelphia and Elmira. Fine Japanese reflexed, color a pure, deep, chrome-yellow, fully as good as Thornden. A very easy healthy grower, responds to any ordinary treatment yet stands heavy feeding well. Produces a very full bloom of great substance and excellent keeping and shipping qualities. Foliage clean and healthy; and stands close planting without dropping leaves. Produces an abundance of cuttings and propagates easily. Mid-season to late; can be had very late. By far the best late midseason yellow yet out, having a large stock we can fill all orders without overpropagating. Best on second crown buds, 50 cts. each; \$3.50 per doz.; \$25 per 100. Large growers wishing to grow extensively for cut flowers are requested to write for special quotations on large lots.



NEW CHRYSANTHEMUM ADMIRAL DEWEY.

ECLIPSE. (Rawson.) Certificate. Yellow Sport of Wm. H. Chadwick. The bloom is even larger. Grand in every way. Winner of Eclipse '98 bicycle prize. Scaled high wherever shown. 50 cts. each; \$3.50 per doz.

PRIDE. (Rawson.) Certificate. The earliest large white, as early as Marion Henderson. Big double flower on a stout stem, with foliage up to the bloom. Very easy doer, robust and healthy. Heaviest blooms from crowns. Try this. 25 cts. each; \$2 per doz.; \$15 per 100.

CARRIE BELL. (Cottage Gardens.) Certificated Boston, 1896. Japanese incurved. Compact, very full globular flower, same form as Ivory, but larger; color delicate shell-pink on terminals, pure white on crowns. Habit dwarf, 2 feet only. Stem stiff and strong, foliage heavy and well up to bloom. Season late midseason to very late; can be had at Christmas. Terminal buds give best color and best shaped and largest blooms. Strike in July—grow on solid beds in cool house for Christmas. A valuable very late pink. 35 cts. each; \$3.00 per doz.

MRS. TRENOR L. PARK. (Dailedouze Bros.) This beautiful chrysanthemum is the grandest of all yellow chrysanthemums. The color is unsurpassed by any of its class, being a clear bright golden-yellow; in size, the largest yellow we have ever grown. In finish it is exquisite; not the slightest trace of coarseness; the stem and foliage are grand, being a free handsome grower of medium height—a midseason variety. We have grown this variety for past two seasons in quantity, and feel more confident of what we claim than last season. The type is an incurved Japanese, the lower petals reflex so as to lay on foliage. Take second crown bud. Ready March 1, 1899. Price, 50 cts. each; \$5.00 per doz.; \$35.00 per 100. (Introducer's description.)

POLLY ROSE. (Rose.) The earliest pure white chrysanthemum on the market. Has the strong sturdy habit of its parent, Glory of the Pacific, but is pure white instead of pink. Awarded First-Class Certificate by Chrysanthemum Society, October 22, 1898. Ready March 1, 1899. 35 cts. each; \$3.00 per doz.; \$20.00 per 100.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

Nathan Smith & Son's Set Chrysanthemum Novelties.

KUNO. (Mme. F. Bergmann x J. E. Lager). In form and habit intermediate between the two parents; strap petal, more loosely arranged than those of Bergmann. Good stem and foliage. White; 5 inches in diameter; fully developed October 11; 3 feet, second crown or terminal. Certificated by C. S. A.

SHILOWA. (Wm. Seward x Fisher's Torch.) A brilliant crimson Japanese, with petals convexing and contorting at maturity, showing the upper surface only, of a black, velvety lustre, as seen in Prince C. de Rohan Rose. Like all the large crimsons, it must not be treated liberally with liquid manure after the buds are formed. First premium at Indianapolis in the crimson class, and certificated by C. S. A. Terminal bud.

ZORAIDA. (Exhibited as Izanga.) The most wonderful freak of recent years in the form of a huge Japanese anemone. The ray florets are white; some entirely tubular, others are half tubular, finishing with a strap tip. The pure yellow cushion-like centre gives contrast and adds greatly to the beauty of this truly artistic flower. The best specimens were 11½ inches in diameter. Midseason, 5 ft. Certificated by C. S. A. and Silver Medal at Chicago.

MONSTROSUM. (Mrs. E. G. Hill x Mrs. W. C. Egan). This will be a welcome addition to the exhibition tables, where blooms of depth, as well as breadth are requisite. A Japanese, with tubular petals; first opening flat, assuming a globular form at maturity. Color, magenta-pink; 6 x 6 inches; midseason, 3 feet. Second bud or terminal.

WHITE FLYER. (Glory of Pacific x Seedling.) Resembles Glory of Pacific in foliage and habit, attaining but 2 to 2½ feet. A high built, reflexed flower of the purest white. It is not only a fine cut flower variety, but is unexcelled for single stem pot plants. This dwarf white will be very serviceable to those desiring to plant on high side benches. Midseason. Terminal bud. Winner of the \$100.00 Barnes' White Flyer bicycle at Syracuse.

IDAYAN. (Mrs. E. G. Hill x Mrs. W. C. Egan). A large, compact Japanese incurved flower of the Mrs. Henry Robinson type. The lower portion being delineate pink, and the centre florets creamy white. Good stem and foliage. Midseason, 3 feet. Second crown or terminal. Certificated by C. S. A.

NAGOYA. (Modesto x Western King). A Japanese of reflexed form, clear, bright yellow, as pure as that of Modesto. Fine stem and foliage. Cut November 24, a date when good yellows are very scarce. Terminal bud, 4½ ft. Certificated by C. S. A.

XENO. (Merule x Mme. F. Perrin). A very late bright pink of the Japanese incurved type, possessing the fine foliage and habits of its parents. In color similar to Perrin, but larger and perfectly double. Cut November 24. Second crown or terminal bud; 3 ft. Certificated by C. S. A.

QUEEN OF PLUMES. Francis B. Hayes x White Swan.) The first double, pink, hairy chrysanthemum yet produced, as all efforts to secure a plumed pink of a pleasing shade and fully double have thus far been in vain. It might be briefly described as White Swan in foliage, fullness, form and time of flowering, more dwarf in habit, but in color a beautiful shade of bright pink, Certificated by C. S. A.

Prices for the above are 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

INDEPENDENCE. An everblooming chrysanthemum. The originator, Mr. C. A. Phillips, of Syracuse, N. Y., writes as follows: "It flowers in July naturally; bud taken May 30 was open July 4, and fully developed by the 10th, from cuttings potted April 14. By keeping up a succession of cuttings, it may be flowered every month of the year." A double flower, 4 inches in diameter, style of Bergmann; opens creamy, changing to pure white, good stem and foliage; 2 feet; either bud. Perfectly hardy, flowering in July and August in the open ground. Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

John N. May's Set Chrysanthemum Novelties.

ADULA. Pure white, and a fine, bold, handsome flower, incurved, with good stem and foliage nearly up to the flower; the very best late white we have ever tried and a good keeper. It does not reach its best until the 25th to 30th of November and can be kept in good condition until the middle of December. I unhesitatingly assert this to be one of the very best varieties I ever sent out; average 4 feet; good from either bud. Certificate Chicago, Philadelphia and Cincinnati. 50 cts. each; \$4.50 per doz.; \$30 per 100.

MAVOURNEEN. Beautiful flesh-pink and occasionally slightly marked with clear purple; a distinct variety, with good stem and foliage; from terminal buds; in season from November 1st to 15th, average 4 feet. Certificate at Boston, in '96; at Philadelphia, in '98; certificate and silver medal at Chicago Chrysanthemum Show, in '98. 40 cts. each; \$4 per doz.; \$25 per 100.

META. White, with delicate shade of lemon at base of petals; an exceedingly nice formed flower; average 5½ in. by 4 in. deep; incurved and good size; blooms always stands erect on good stiff stems, with handsome foliage close up to the flower; one of the best keeping varieties known, and an excellent shipping variety. In season from October 20th; height averaging 3 feet; either bud; certificated Philadelphia, Boston, Chicago, Morristown and Orange. 50 cts. each; \$4.50 per doz.; \$30 per 100.

SILVER WEDDING. The purest white; very broad petals, reflexed, forming a bold, handsome flower 7 in. to 7½ in. diameter by 5 in. deep; one of the most distinct varieties of the season. In season from Nov. 5th to 15th; average 5 feet with good stem; from terminal buds. Certificates at Philadelphia, Boston; first prize for best white at Philadelphia Show; certificate and silver medal at Chicago Show. 40 cts. each; \$4 per doz.; \$25 per 100.

John N. May's Set Chrysanthemum Novelties—Continued.

YELLOW MAYFLOWER. A sport from Mayflower which I introduced in 1894, and counterpart of that grand variety in every particular except in color, which is a clear lemon-yellow. This will certainly become one of the standard varieties; its distinct and graceful form will place it in the front rank for all purposes; average 4 feet; terminal buds. Certificates at Boston, Philadelphia; first prize for yellow at Philadelphia Show, and at Chicago Show, Certificate of merit. 50 cts. each; \$4.50 per doz.; \$30 per 100.

MRS. F. A. CONSTABLE. (Anderson). Pure white sport of Iora and a counterpart of this beautiful variety in every particular except in color. The well-known graceful form and exquisite build of this variety, making it at once the most artistic and distinct variety known, needs no further description. Indispensable in every collection. Certificate C. S. A. 50 cts. each; \$4.50 per doz.; \$30.00 per 100.

MLLE. LUCIE FAURE. (Imported.) A fine, bold, handsome clear white flower, forming nearly a round ball, closely incurved; an exceedingly attractive thing; in season from November 15 to 20. Certificate at New York; 4 to 4½ feet; either bud. 25 cts. each; \$2.50 per doz.; \$12.00 per 100.

MRS. N. MOLYNEUX. (Imported). Clear white incurved; of a very fine form; one of the very best midseason varieties for all purposes, with fine stem and foliage; a good shipper; in season November 1 to 10; height 4 to 4½ feet; either bud. Certificate at Philadelphia. 25 cts. each; \$2.50 per doz.; \$12 per 100.

OCTOBER SUNSHINE or SOLEIL D'OCTOBRE. (Imported.) Clear soft yellow of exceedingly graceful form; good size and substance and will be in great demand as a second early variety, being distinct in form and general character from any known variety; good on either bud; season from October 15 to 25. Certificate, Philadelphia, October 20. 25 cts. each; \$2.50 per doz.; \$15 00 per 100.

YELLOW MME. CARNOT. (Imported). This is distinct from any other sport of Madame Carnot, of which there are several, being deeper and brighter in color, larger and fuller flowers averaging 9 inches each way. It is unquestionably the grandest and most graceful of all yellow chrysanthemums yet introduced for exhibition. I control the entire stock of this in the country. First prize and certificate of merit at Philadelphia Show, November 8th, for best yellow; average 5 feet; either bud. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Wm. P. Binder's Set Chrysanthemum Novelties.



ROBERT HALLIDAY.

WILLOWBROOK. An extra early commercial Japanese, good stem, fine foliage, strong grower, petals loose and twisted, a fine improvement on Merry Monarch. Bloom measuring 6 to 8 inches across, are ready to cut October 10 to 15. Will become a standard early white. N. C. S. certificate. Baltimore Florists' Club certificate. Crown bud. Height 2½ to 3 feet. 35 cts. each; \$3.00 per doz.; \$20 00 per 100.

HARRY A. PARR. Lemon-yellow Japanese, with twisted petals, flower forming a perfect ball; strong grower with faultless stem and foliage, flower 6 inches across. The best early of its type, a fine commercial sort. N. C. S. certificate, Baltimore Florists' Club certificate, winner Philadelphia Cup, October 18, 1898. Crown bud for early, terminals for late. Height 2 to 2½ feet. 35 cts. each; \$3.00 per dozen; \$20.00 per 100.

LADY HARRIOTT. Deep pink incurved Japanese, with broad petals, blooms measuring 7 to 8 inches across, in season October 15 to November 10. Habit dwarf, with perfect stem and foliage. Earliest fine large pink in cultivation. N. C. S. certificate, Baltimore Florists' Club certificate. Height 2½ feet. Crown bud only. 40 cts. each; \$3.50 per dozen; \$25.00 per 100.

ROBERT HALLIDAY. Fine clear yellow Japanese. Immense bloom, 8 to 10 inches across, carried on a grand stiff stem with perfect foliage, making it an ideal flower. Ready October 25, N. C. S. certificate, Baltimore Florists' Club certificate. Crown bud for early, terminals for late. Height 2½ to 3 feet. 40 cts. each; \$3.50 per doz.; \$25.00 per 100.

Remember you can save 5 per cent. on all your purchases by sending cash with your order

GENERAL LIST OF CARNATIONS.



BENCH OF NEW YORK, TAKEN IN DECEMBER, 1898.

New York. (Scott x Daybreak). Bright cerise-pink, resembling Bridesmaid. Habit erect, strong, vigorous, free and early as well as a constant bloomer, one of the best we have ever grown. Color magnificent under gaslight. Flower, medium to large, $2\frac{1}{2}$ in. to 3 in. in diameter, with good strong calyx. Similar in form to Scott. Stem rather stronger than Scott. Good fragrance. A first-class deep pink of a shade that is very popular with flower buyers, and which sells fully as well as any pink carnation we send to the New York market. During the past season this variety proved our most profitable pink carnation, producing some 7 long-stemmed flowers per plant in excess of any other sort (*save Maceo*), and 6 blooms more than any record Scott ever made with us. It has improved in vigor of growth, color and profuseness of bloom this season. \$5.00 per 100; \$40.00 per 1000.

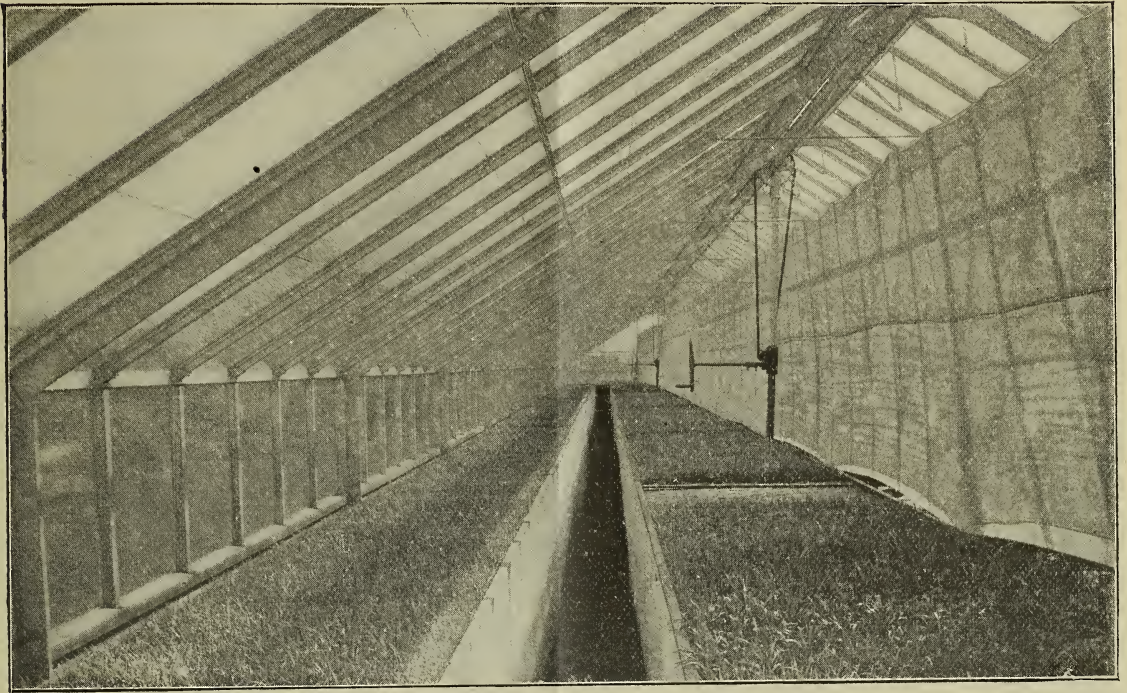
Jubilee. Color intense scarlet, very large flower on long slender, but stiff stems, strong non-bursting calyx. This variety is doing well with a number of growers. Seems to do best when grown inside all summer, as then it is not so much affected with rust as when lifted, and also does best on a strong stiff soil. \$2.00 per 100.

Evelina. A pure white of large size, good form and substance. A strong calyx, fragrant, and borne on long, stiff stems. It is a free, early and continuous bloomer, of good habit and a strong, free grower. A variety of much promise and well worth a second trial. \$5.00 per 100; \$40.00 per 1,000.

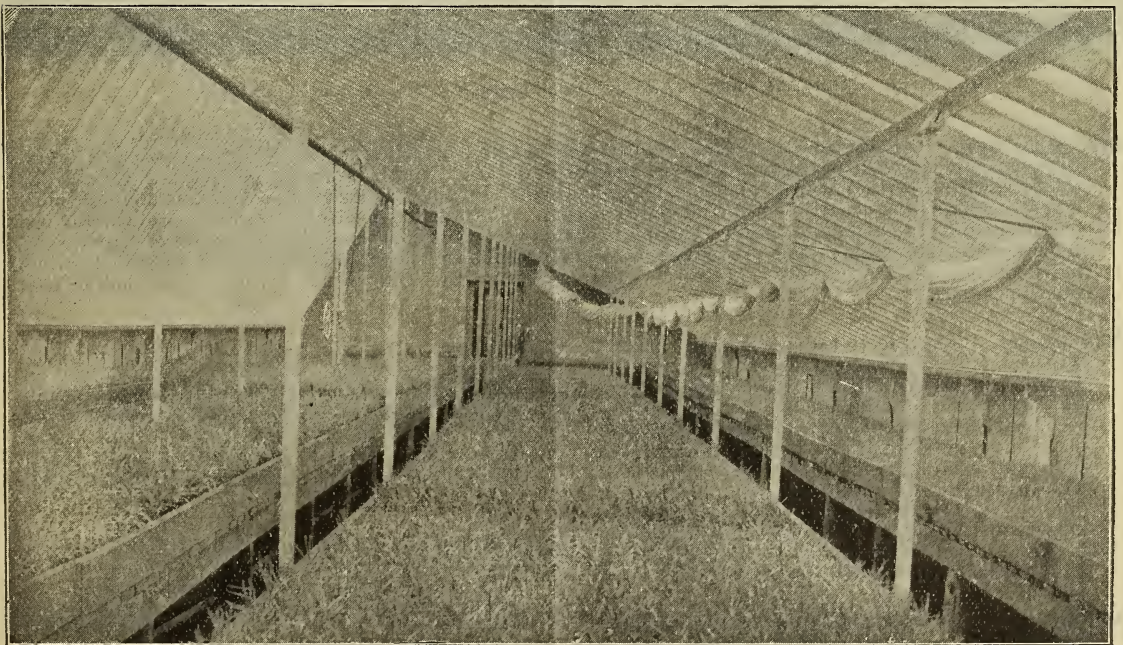
Victor. A deep pink sport from Daybreak, a stronger and more vigorous grower. Fine large bloom, on a remarkably long and strong stem. A great favorite around Philadelphia. Victor has made a much better showing with us than ever, and is entitled to a thorough trial as one of the best dark pink carnations. \$2.50 per 100; \$20.00 per 1,000.

Wm. Scott. Bright pink. One of the most productive large flowered pink carnations. Flower medium to large size, 2 to 3 in., on long stems, of good substance and stiffness. More generally grown than any other carnation. \$1.50 per 100; \$12.00 per 1000.

CARNATIONS.



CARNATION PROPAGATION AT THE COTTAGE GARDENS



HOLDING YOUNG CARNATIONS AT THE COTTAGE GARDENS.

The photographs, from which the cuts in this catalogue were made, were taken by L. V. Hallock, Queens, L. I



BENCH OF CARNATION MRS. JAMES DEAN. Taken Dec. 22, after Cutting 9 Weeks.

Mrs. James Dean. Color clear silvery pink, delicate and chaste, yet brilliant and effective under all lights. Flower large, very full as season advances, and borne on long, wiry stem, calyx perfect. Habit similar to Scott, with the same healthy glaucous foliage as Scott. About 6 in. taller than Scott. A free bloomer, but spreads its crop evenly over the blooming season. There is no healthier carnation grown, and we believe it to be the ideal light pink. The merit of this variety is conceded alike by growers, dealers and the flower-buying public. Has proved a prize-winner whenever shown this season as well as last. A fine healthy carnation that every grower ought to succeed with. One of our favorites. \$5.00 per 100; \$40.00 per 1000.

Gold Nugget. Clear, deep yellow, slightly marked with red. The first real rival of Buttercup in color. In point of productiveness and constant blooming, far ahead of Buttercup. Strong grower, free, early and continual bloomer. Medium-sized, high-centered flower, does not burst. Stem long and stiff, and bloom a first-class keeper. The best yellow we have ever grown, and a prize-winner wherever shown. After growing this variety for the second year we can add that this is the only yellow carnation we have grown to date that showed a profit. \$6.00 per 100; \$50.00 per 1000.

Wellesley. Deep scarlet, similar in color to Hector. Slender habit of the Grace Wilder type. Flower medium size, 2 in. to 2½ in. Stems 12 in. to 16 in. Very profuse bloomer. \$5.00 per 100.

C. A. Dana. Delicate shell-pink. Vigorous, wiry grower, erect habit, medium to large flower on stiff, wiry stems, color very soft and exceptionally pleasing, flower a splendid keeper, one of the most attractive pink carnations. Under extra treatment blooms may be grown 3 in. in diameter, on 18 in. stems. \$2.00 per 100; \$15.00 per 1000.

Lizzie McGowan. Color white, slightly tinted with color at times. Medium to large flower, on thin wiry stems, frequently not stiff enough to properly support the flower. Very productive and generally grown. Under extra culture on suitable soils this variety produces 3 in. blooms on 16 in. stems, which, however, are hardly stiff enough. \$2.00 per 100; \$12.00 per 1000.



BENCH OF CARNATION WHITE CLOUD.

White Cloud. White, habit same as Daybreak, but taller, stronger, more vigorous and an earlier and much freer bloomer. It commences blooming among the earliest, and throws a fine, long, stiff stem from the beginning and continues its crop through the season. Flower large, excellent form and finish, good substance and very full. Strong, fruity fragrance. Calyx strong and holds the full bloom well in hand. We consider this the best white we have ever grown. Our records of blooms cut the past season show it to be the most productive of all white carnations. If fed too highly the blooms fail to open fully at times. \$5.00 per 100; \$40.00 per 1,000.



SHORT SPAN TO SOUTH RANGE IN A BLIZZARD.



BENCH OF CARNATION BON TON, GROWING WITHOUT SUPPORTS.

Bon Ton. Bright, warm scarlet, large, deeply fringed, fragrant flower on a stem as stiff as a reed. Perfect calyx. Habit of the plant exceptionally strong, resembling Portia, but much heavier and more vigorous. The growth is so strong that it does not need staking. Comes into bloom with a fine crop for Christmas when scarlet carnations are so much in demand, and increases in quantity and quality as the season advances. A great favorite in all markets and brings the highest prices. Has proved an early bloomer with us this season. \$4.00 per 100; \$35 per 1000.

SANTA ROSA, California, Dec. 16th, 1898.

MR. F. A. BLAKE, Rochdale, Mass.

DEAR SIR:—During the past 20 years I have grown many thousands of the best Carnations but have never seen one yet as satisfactory in all respects as your plants sent last spring. They are wonderful bloomers, very healthy, stocky, multiply rapidly and the color is all that could be desired, being even finer and more brilliant by artificial light. It is the best bedder.

Sincerely yours, LUTHER BURBANK.

Daybreak. Delicate salmon-pink. Vigorous grower. Color, when at its best, very soft, clear and pleasing. Flower will not stand in full sun, as the color bleaches and should be shaded when sun is strong. A very popular variety, which seems to give a paying crop in nearly all localities. Does well on nearly all soils. Should be grown cool to give best results. \$2.00 per 100; \$15.00 per 1,000.

Mayor Pingree. Color clear lemon-yellow, lightly marked with pink and occasionally splashed with white. A very strong, robust grower. Blooms measure $2\frac{1}{2}$ in. to 3 in. and over in diameter. Stems extraordinarily stiff from 18 to 30 in. long as the season advances. Excellent keeper. \$2.50 per 100; \$20.00 per 1,000.

Empress. (Swayne). Bright rich crimson, base of petals fiery scarlet, large, perfectly double flowers, 3 or more inches in diameter, deeply fringed and decidedly fragrant. Strong, vigorous habit, stems stiff and erect, $2\frac{1}{2}$ to 3 ft. long. Hardy, vigorous grower, and good bloomer. The largest dark carnation yet introduced, has proven late in coming into bloom with us this season and seemed inclined to burst late in the spring. \$5.00 per 100; \$40.00 per 1000.

Firefly. Deep scarlet, resembling Garfield. Early, continuous bloomer; large, well-formed flower, $2\frac{1}{2}$ inches and more in diameter. Strong, vigorous foliage covered with heavy bloom. Introducer claims it to be disease proof. \$5.00 per 100.

CARNATIONS—Continued.

CARNATION MRS. BRADT. $\frac{3}{4}$ NATURAL SIZE.

John Young. A very double snow-white flower, deeply fringed, splendid calyx, strong clove fragrance. Stem strong, stiff and wiry. Habit erect, vigorous, exceptionally healthy and a free and steady bloomer. The nearest in habit to Scott of any white carnation that we have thus far grown. Planted on a deeper bench some 4 weeks later than when benched last season it seems slow in coming into bloom. It has done best with us when lifted August 1 to 10, and

Mrs. Geo. M. Bradt. Color clear white, heavily edged and striped with bright scarlet, giving it a very bright and cheerful appearance. Flowers enormous and full, with centre petals standing erect, giving the bloom a well-rounded form. Habit strong and vigorous, but dwarf enough for side benches. A constant bloomer from early to late, and is probably the most striking carnation of recent introduction. A grand commercial carnation. Its blooms sell at the highest prices in all markets. No variegated carnation yet introduced can equal the enormous striking blooms produced by this variety. Unquestionably the best of all variegated carnations. \$5.00 per 100; \$40.00 per 1000.

planted in 5 in. of good soil. \$5.00 per 100; \$40.00 per 1,000.

Flora Hill. Very free in growth and in coming into bloom. Strong calyx, moderately stiff stem, very large flower. Under ordinary culture brings good flowers throughout the season. Stem rather weak with first crop, but stiffens up as season advances. Is doing first-rate in stiff soils, which seems to indicate that it needs a heavy soil. \$3.00 per 100; \$25.00 per 1,000.



One of our Three-quarter Span Carnation Houses in a Blizzard.

CANNAS.

The season of 1898 was the most favorable for Canna growth of any we have had at Queens. Our bulbs are unusually large and in splendid condition.

Prices are for strong dormant bulbs except where noted, and delivery can be made at any time that weather admits of shipping. Purchasers desiring large lots are requested to send list of what they need for special quotations.

Our list has been thoroughly pruned, and contains only the cream of the existing sorts.



FIELD OF NEW CANNA PRESIDENT MCKINLEY.

SPECIAL VARIETIES OF RECENT INTRODUCTION.

President McKinley. Pronounced by all the best dwarf crimson bedder introduced. Color a fiery deep crimson-scarlet, the nearest approach to the color of Alphonse Bouvier of any canna we have. It is an early, constant and immensely profuse bloomer, throwing a strong flower spike early in June, when 12 to 18 inches high, and is covered continually thereafter with its startling brilliant heads of bloom. During the months of July, August, September and October it is a mass of intense color. Habit dwarf, reaching 3½ feet at the end of the season on very rich soil. It is well foliaged, stools freely, and is equally valuable for pot culture, single specimens on the lawn or for massing. No florist can afford to be without it. Having a large healthy stock we can offer it at the very reasonable price of \$1.50 per doz.; \$10.00 per 100.

President Cleveland. This variety has attracted widespread attention the past season, and is conceded to be one of the finest introductions of late years. Color is bright orange-scarlet. It is one of the showiest varieties. A fine compact, vigorous grower, throwing up numerous immense trusses with flowers of large size. One of the best bloomers on our grounds this season. A grand bedder. \$1.50 per doz.; \$10.00 per 100.

Black Beauty. (True.) A grand novelty, as highly colored as a dracæna. The most striking canna ever introduced. Grand foliage, 5 to 7 feet high. The finest dark-leaved canna. Nothing can equal it in color of foliage. The finest thing for centres of groups, or among shrubbery wherever a tall grower is required. Very scarce. \$1.00 each for 4 inch pots; \$10.00 per doz.

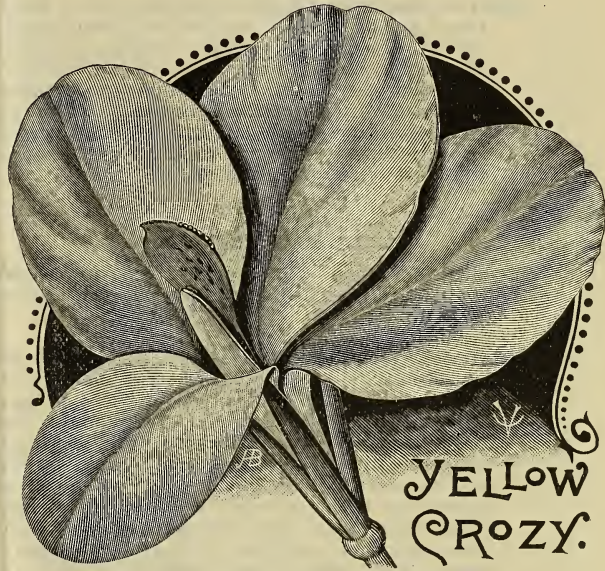
Remember you can get one thousand Cannas, our selection, 10 varieties for \$15.00.

CANNAS—Special Varieties—Continued.

Yellow Crozy. A clear, pure canary-yellow with no red markings, except a few faint red spots on the smallest lower petal. The effect produced by a bed of it is a solid mass of pure yellow. In size, the flower petals are $1\frac{1}{2}$ inches broad, the compact spike shows off well above the foliage; height 4 feet; foliage green. It has a remarkable habit of throwing out additional lateral flower heads from the main spike—often as many as six or seven. In the full sun it bleaches less than any yellow canna we have ever seen, owing to its good substance. It is, in short, just the color and habit of plant which has been sought for the past five years, a pure “Yellow Crozy.” The dried and faded blooms should occasionally be picked off the plants in order to heighten the effect. \$1.50 per doz.; \$10.00 per 100.

Sect’y Chabanne. Clear orange-scarlet, immense heads of bloom, dwarf bushy habit, immensely productive of bloom the season through. One of the best of this class. \$1.50 per doz.; \$10.00 per 100.

GLORIOSA. A splendid dwarf variety of the Queen Charlotte type, vigorous healthy habit, 18 inches to 2 feet in height. Foliage broad, of a bright rich green. The flowers are borne in massive trusses, measuring 9 inches or more in length, and 6 to 8 inches in diameter. The individual



florets are 4 to 5 inches across, of a rich scarlet-crimson color, broadly margined, with a distinct golden-yellow band. It is a perpetual bloomer, and the best very dwarf canna in the gilt-edge section. \$5.00 per 100; \$40.00 per 1000.

GENERAL LIST OF CANNAS.**Gilt Edge Varieties.**

Mrs. Fairman Rogers. This is really a decided improvement on Madame Crozy, being more dwarf in growth, more brilliant in color and fully as free a bloomer, with larger spikes and large individual florets. This is one of the varieties that we cannot get along without. It will become a necessity. A perfect sheet of bloom on our grounds the past season. The finest gilt edge sort we had. \$3.00 per 100.

Madame Crozy. Height 3 to $3\frac{1}{2}$ feet on ordinary soil, to 6 feet on very rich soil. Flowers flaming scarlet, bordered with gold. An ideal bedding variety. \$2.50 per 100; \$20.00 per 1000.

Souv. de Antoine Crozy. Height 3 to 4 feet. Color brilliant deep scarlet, with distinct margin of clear yellow. A distinct improvement in color on both Mme. Crozy and Queen Charlotte. Clean light green narrow foliage, good sized truss, borne well above the foliage, fully the equal of Mme. Crozy as a bloomer. \$2.50 per 100; \$20.00 per 1000.

Pierson's Premier. A distinct improvement on Queen Charlotte, being much dwarfer, much more brilliant in color and withal a splendid bloomer. A grand pot plant and very desirable. \$4.00 per 100.

Queen Charlotte. Height 3 to 4 feet. Color bright orange-scarlet, broadly margined with pure golden-yellow. Broad, clear, green foliage; large, well shaped truss, borne well above the foliage. \$2.50 per 100; \$20.00 per 1000.

Yellow Varieties.

Eldorado. Height 3 to 4 feet. Color clear lemon-yellow, lightly spotted with orange, the general effect in the distance being that of a pure yellow. Large individual floret with very broad petals. Large round full truss, broad light green foliage, narrowly margined with white. An early, exceptionally free bloomer, the best yellow to date. \$2.50 per 100; \$20.00 per 1000.

Defender. Color clear yellow, striped with bright scarlet. Height 3 to $3\frac{1}{2}$ feet. Habit somewhat resembling Columbia. An early, very profuse bloomer, producing fine large heads of broad petaled flowers. Foliage clean, distinct, and a good grower. This canna will prove very effective for massing, as it produces a greater proportion of flowers to the foliage than almost any other yellow canna. \$3.00 per 100.

Florence Vaughan. Height 4 to 5 feet. Color bright canary-yellow, heavily mottled with deep orange-scarlet. Broad, healthy, light green foliage. \$2.50 per 100.

Remember you can get one thousand Cannas, our selection, 10 varieties for \$15.00.

CANNAS—Scarlet Varieties—Continued.

Count de Bouchard. Height 4 to 5 feet. Color bright lemon-yellow, heavily blotched with deep orange-scarlet. Large, finely shaped trusses, borne well above the foliage, 4 to 6 trusses being produced from the same stalk. Broad light green foliage margined with a tracing of white. One of the grandest of the yellow cannas. The flower is an improvement on Florence Vaughan, being larger and a better shape. \$2.50 per 100.

Crimson Varieties.

President McKinley. The grandest crimson bedder of all. See special description, page 24. \$10.00 per 100.

Tarrytown. This variety comes as near the ideal for a bedding canna as any variety that has been introduced. In color it is entirely distinct, being a brilliant cherry-red, similar to Egandale, but more brilliant. It is a dwarf sturdy, vigorous, compact grower, with fine, healthy foliage, and an exceedingly free bloomer. The spikes of flowers are borne in dense even masses, it also comes into flower with the earliest varieties in the spring and until late in the fall, presents a showy and conspicuous mass of bloom. A magnificent variety. \$10.00 per 100.

Philadelphia. Bright scarlet-crimson, dwarf and free, highly recommended. A dwarf grower very free bloomer, very fine in rich soil when furnished abundant moisture. \$6.00 per 100.

Beaute Poitevine. An excellent free blooming dwarf variety, coming into flower early, and continuing well through the season. A brilliant fiery crimson, makes a beautiful dwarf bed. \$3.00 per 100.

Chas. Henderson. Height 2½ to 3 ft. Color brilliant deep crimson. Broad deep green foliage, narrowly margined with bronze. Standard crimson bedder. \$2.50 per 100.

Alp. Bouvier. Height 5 to 6 ft. Color brilliant deep crimson. Silvery green foliage, with chocolate-brown margin. Vigorous grower, stooling rapidly. Large branching trusses produced in the greatest profusion. Undoubtedly the freest blooming crimson canna that we have. \$2.50 per 100.

Columbia. Produces grand branching trusses of large, deep scarlet flowers. One of the finest cannas when it does well. \$2.50 per 100.

Flamingo. A grand variety, dwarf habit, large branching truss, very round, brilliantly colored bloom. \$2.50 per 100.

Scarlet Varieties.

Papa Canna. Height 2½ to 3 ft. Color pure red, broad, light green foliage, margined with distinct tracing of bronze. Immense truss with very large individual florets, several spikes being produced on the same stem. An exceptionally free bloomer. \$2.50 per 100.

Remember you can get one thousand Cannas, our selection, 10 varieties, for \$15.00.

CANNAS—Scarlet Varieties—Continued.

Robert Christie. Brilliant orange-scarlet. This variety is a particularly strong grower, throwing up tremendous heads of bloom. It is also an exceptionally free bloomer, considered one of the very finest varieties. It is entirely distinct from any other variety of its color. \$6.00 per 100.

Chicago. One of the best scarlet cannas extant. Early. Clean and free bloomer. Splendid in every respect. \$2.50 per 100.

Paul Marquant. Clear orange-scarlet, very free bloomer. \$2.00 per 100; \$15.00 per 1,000.

Pink Variety.

Mlle. Berat. Rosy pink, clear, distinct. The best of the pink cannas. Good habit, strong foliage. A decided novelty. \$3.00 per 100.

Bronze Varieties.

Admiral Avellan. Height 4 to 5 feet. Color orange-scarlet, somewhat similar to J. D. Cabos. Good sized truss borne well above the foliage and one of the freest bloomers among the dark leaved sorts. Foliage very clean, deep purplish bronze. We consider this a very valuable dark leaved sort and it promises to supersede J. D. Cabos, as its color is much cleaner and the foliage holds its color far better than Cabos. \$2.50 per 100; \$20.00 per 1000.

Leonard Vaughan. Fine, dwarf, bronze variety, splendid habit, fine large truss of bright orange-scarlet flowers. Foliage deep purplish bronzed, and holds its color as well as any dark variety. We consider this one of the finest bronze varieties out. \$3.00 per 100; \$25.00 per 1000.

Egandale. Height 3 to 4 feet. Color bright, clear crimson, almost identical with Alphonse Bouvier. Deep bronze-green foliage. A clean, vigorous grower which stools rapidly. The freest bloomer of all the bronze cannas, fully the equal of Mme. Crozy. \$2.50 per 100.

Bassetts Red. Another striking bronze variety, immense foliage, grand color, which holds well. Broad, heavy foliage, vigorous tall grower, almost as effective as Black Beauty. One of the best cannas where a strong grower is required. \$3.00 per 100; \$25.00 per 1000.

Souv. du President Carnot. Brilliant cherry-red flowers. Splendid habit, deep purplish bronze foliage. A striking variety, very fine bloomer, fine grower, its brilliant deeply colored flowers contrasting richly with the dark foliage. Excellent sort. \$2.50 per 100; \$20.00 per 1000.

J. D. Cabos. Height 4 to 4½ feet. Color of flower light orange. Good sized truss, borne fairly well above the foliage. One of the freest bloomers that we have among bronze cannas. Foliage deep bronze-purple, an exceptionally valuable sort and a distinct variety. \$2.50 per 100.

GENERAL LIST OF GERANIUMS.

Double Aureoles.

Triumph de Nancy. Double bright carmine-pink, with clear white centre and white markings. Large truss, very large floret. Strong, vigorous grower. One of the most striking fancy double geraniums introduced. \$5.00 per 100.

Double Pink Bedders.

Agnes Kelway. Clear bright pink. Enormous florets in immense solid trusses, borne on perfectly erect footstalks, constantly covered with its immense trusses. Stands sun and all ordinary weather, and is classed as one of the most effective and striking in this section. \$6.00 per 100.

Miss Frances Perkins. A charming shade of bright pink, fine large bloom and truss, held well up on erect footstalks. Vigorous habit, profuse bloomer. Clean, healthy foliage. Stands our climate well, and is a mass of color the season through. Unsurpassed as a pink bedder. \$3.00 per 100.

Bonnatt. Deep rosy pink, almost a carmine. A pure self color. Fine large floret. Splendid truss on good footstalks. Fine, compact dwarf habit. Profuse bloomer, hardy and vigorous. Unexcelled in the deep pink class. \$3.00 per 100.

Countesse de Castries. Clear, pure deep pink, without a trace of lilac, very bright and distinct. Fine truss, splendid habit. As strong and vigorous as Alphonse Ricard. Foliage distinctly zoned. A splendid variety. \$4.00 per 100.

Mme. Barney. A splendid pure deep pink of the style of Bonnatt, but a little lighter and a more lively shade. Truss, habit and profuseness of bloom all that can be desired. Stands wet weather best of all in this class. A splendid thing. \$4.00 per 100.

Mme. Geuvellet. The best semi-double pink, excellent for bedding purposes or for early flowering in pots for market sales. Color deep salmon-pink. Trusses very large, from 5 in. to 6 in. in diameter, and held well above the foliage on strong stems. An exceptionally profuse bloomer, being literally covered with flowers the whole season. Habit semi-dwarf and compact. We have a large, healthy stock and offer strong, vigorous plants from 2 in. pots. Price per doz., 75 cts.; per 100, \$5.00.

Mme. Phillip Labrie. Brilliant carmine-pink, striking and effective, fine habit. Desirable in every way. \$1.50 per doz.

Marquese de Montmort. Deep brilliant carmine-purple. One of the most novel and striking shades yet seen. A splendid habit, vigorous and clean. Excellent grower and profuse bloomer. Fine large floret, massive truss, held well up and erect. Foliage deeply zoned. Exceptionally novel. \$3.00 per 100.

Pres. Leon Picas. Deep carmine-purple, with a tinge of crimson, compact round truss, held nicely above foliage. Habit compact, vigorous, healthy. A fine dwarf grower, completely covered with its brilliant trusses. Nothing better in its class. \$4.00 per 100.

Surprise. Double deep crimson-pink, with pure white centres. Similar in flower truss and habit to the above, save the color, which is deeper and more effective. Fully as striking and valuable as the above. \$5.00 per 100.

Double Scarlets.

Raspail Improved. Intense pure scarlet, enormous semi-double floret, $2\frac{1}{2}$ inches in diameter, very round and regular. Fine dwarf compact habit. A magnificent winter bloomer; in fact, is a perpetual and profuse bloomer at all seasons. The grandest scarlet for pot culture. Nothing to equal it. \$8.00 per 100.

Double Crimson.

M. A. Borie Aine. A rich deep crimson, large floret. Full round truss, held well up. Tall, vigorous habit, similar to Wm. Kelway; a fine variety. \$4.00 per 100.

Leonard Kelway. Brilliant deep scarlet, with maroon shading, fully equal in color to S. A. Nutt, being a much dwarfier and more compact vigorous grower, with clean, deep green foliage, heavily zoned. A compact truss borne on strong footstalks. Truss is round, well filled and pleasing shape. Exceptionally free bloomer, and the best dark double dwarf bedder. \$3.00 per 100; \$25.00 per 1000.

Marvel. Double, scarlet-maroon, semi-dwarf compact grower, clean, vigorous, healthy foliage. Truss large and full, held well above the foliage, constant bloomer, fully an equal of S. A. Nutt as a bedding sort. \$3.00 per 100; \$25.00 per 1000.

S. A. Nutt. Double, brilliant deep scarlet, with maroon shadings. Compact, rather tall, vigorous grower, heavy deep green foliage which does not burn. Large truss, held well up. One of the finest bloomers that we have. Probably sold more than any other of the dark sorts. \$3.00 per 100; \$25.00 per 1000.

Double Whites.

Mme. Buchner. Double snow-white, strong, vigorous grower, with broad fluted foliage, slightly zoned. Extra large truss, produced abundantly, held well above the foliage. Large individual florets. A grand white bedder. This variety made the best showing of all in our fields the past season. \$3.00 per 100; \$25.00 per 1000.

Comtesse de Harcourt. Double Bruant, pure snow-white, strong vigorous habit, individual florets beautifully formed and abundantly produced in large trusses. A grand bedder, stands the drought well, forming a perfect bank of white. We consider this one of the best double whites. \$3.00 per 100; \$25.00 per 1000.

Mme. Rozain. Purest snow-white, large flower, fine, round truss, excellent habit, decidedly free bloomer. The best of the new double whites. 25 cts. each.

La France. Double white, slightly tinted with flesh, under glass. Good grower, free bloomer. 10 cts. each; \$1.00 per dozen.

SINGLE GERANIUMS.

DOUBLE WHITES—Continued.

MONT BLANC. Fine, large flowers, strong habit. 10 cts. each; \$1.00 per dozen.

EULALIA. Pure snow-white, double, very dwarf. 10 cts. each; \$1.00 per dozen.

Double Salmons.

Gen'l de Boisdeffre. Strong, vigorous compact habit, deep cherry-salmon, large trusses unsparingly produced. A constant sheet of bloom summer and winter. The most constant and profuse bloomer we know of. Unexcelled as a bedder. \$6.00 per 100.

Apple Blossom. Bright salmon-pink, broadly margined with blush-white. Round double flowers, very free, compact, vigorous habit. An improvement on Gloire de France. \$10.00 per 100.

Single Pinks.

Gertrude Pierson. Single, clear, pure rosy pink, large sized round floret with distinct white eye, dwarf habit, deep green, heavily zoned foliage, large truss held well above the foliage, very profuse bloomer. The best single pink for pot culture. Attracts great attention wherever well grown. \$6.00 per 100.

Benj. Schroeder. One of the best fancy single pink geraniums. A beautiful clear rose-pink, with distinct white eye. Dwarf compact habit, light green foliage. One of the most profuse bloomers, the bed being literally covered with fine trusses, which are held well above the foliage on strong foot stalks. A grand acquisition. \$4.00 per 100.

Granville. Clear rosy pink, very near the shade of the above variety, but a taller, more vigorous grower. Stands hot sun better than any other single pink, and is invaluable as a bedder. Best of its class. \$4.00 per 100.

Single Aureoles.

Fleur Poitevine. Large single flowers; color brilliant rosy carmine, marbled and striped with pure white, producing an aureole of deep orange-carmine at the centre; the plant is dwarf but robust and wonderfully free flowering. \$5.00 per 100.

Camille Bernardin. Bright rosy peach-pink, with marbled white centre and bright rose veins. Very large flower. Immense trusses on long, stiff footstalks. Very vigorous grower, compact habit and profuse bloomer. \$5.00 per 100.

Mme. Hoste. Rosy carmine, with pure white blotch on centre of petals. Large circular blooms. Very striking and novel. Fine for pot plants. Very showy. \$8.00 per 100.

Single Whites.

L'Aube. Enormous sized trusses, large round florets, pure snow-white, retaining its pureness the entire season; in freedom of bloom, splendid habit and growth of plant, this variety resembles the excellent double white variety La Favorite. We believe this to be the very best single white up to date. \$4.00 per 100.

Single Scarlets, Bedders.

Rev. Atkinson. Brilliant deep scarlet, maroon shading. Vigorous grower, broad, deep green foliage. Immense truss literally packed with large individual florets. Footstalks strong, holding truss well up. One of the very best single bedders extant. \$3.00 per 100.

James Kelway. Brilliant scarlet, slightly tipped with maroon. Large sized round flower, large truss, profusely produced. Very dwarf habit. One of the most brilliant of the single scarlets. \$3.00 per 100.

Leader. Bright crimson, immense trusses. Free grower and magnificent bloomer. One of the best single bedders. \$10.00 per 100.

Single Scarlets for Pot Culture.

Dr. Rothera. Single, brilliant deep maroon-scarlet. Habit dwarf, individual floret very large, 2½ inches across. Probably the most striking single geranium yet introduced. Valuable especially for pot culture. 75 cts. per doz.; \$5.00 per 100.

John Forbes. A grand variety. Color deep velvety scarlet, slightly tipped with maroon. Large circular flower, 2½ inches in diameter. Dwarf plant, free grower, excellent bloomer. One of the most striking of the singles. 75 cts. per doz.; \$5.00 per 100.

Single Salmons.

Peach Blossom. Soft, bright salmon-pink, dwarf habit, good foliage, profuse bloomer. As free as anything known. Sport from Katie Schultz. \$6.00 per 100.

Single Bruants.

H. Dauthenay. Single Bruant. Deep apricot-salmon. Dwarf, compact, vigorous clean grower, heavily zoned foliage. Truss large, full, exceptionally profuse bloomer. A novel and striking geranium, unsurpassed for all purposes. No collection complete without it. \$5.00 per 100.

Mme. De La Roux. Single Bruant. A clear, bright salmon. Large trusses borne well above the foliage. One of the finest bloomers that we have ever grown. Habit dwarf, compact, vigorous, foliage heavily zoned. This variety ranks with Mme. Chas. Molin as a single salmon bedder, being an improvement, as it has a dwarfer and more compact habit. \$3.00 per 100.

Mrs. E. G. Hill. Single; soft light salmon, bordered with rosy salmon and veined with deep rose. Vigorous grower, with broad, heavily zoned foliage. Large truss held well above the foliage. A splendid bloomer and an exceptionally good variety for all purposes. One of the best. \$3 per 100.

Mme. Chas. Molin. Delicate, clear, bright salmon, shading to white on the edges of the petals. Vigorous, semi-dwarf, compact habit; broad, deep green foliage heavily zoned. Large, well shaped truss, with large individual florets borne well above the foliage on strong footstalks. A grand salmon-pink. We consider it one of the best bedders that we have, as well as an excellent sort for pot culture. \$4.00 per 100.



HOUSE OF NEW SCARLET BEDDING GERANIUM ALPHONSE RICCARD.

Illustrating how our Geraniums are grown for propagating. The best scarlet Bruant for bedding.

Double Bruants.

Especially desirable as Bedders.

Alphonse Riccard. Semi-double Bruant, color bright vermillion-scarlet. Dwarf, very vigorous habit. Large trusses, measuring from 4 to 7½ inches in diameter; floret large, sometimes exceeding 2 inches in diameter. The finest large flowered scarlet Bruant that has been introduced, and we deem it the best bedding scarlet. The trusses are on strong footstalks, and so freely produced as to nearly conceal the foliage. It is a constant bloomer, almost very joint producing a flower stem. We have a large, healthy and true stock of this variety from 2½ inch pots at \$5.00 per 100, \$40.00 per 1000.

Mme. Jaulin. Semi-double Bruant. Color delicate, peach-pink; centre similar to Daybreak carnation, with wide border of white. Unrivalled for freshness and beauty. Florets are very large, produced in enormous trusses; semi-dwarf, compact, exceptionally vigorous habit, with broad, deep zoned foliage. A splendid bloomer—one of the most valuable and striking geraniums of recent introduction. Will prove a good bedder where a delicate shade is desired, and is one of the best fancy Bruants for spring sales. Will entirely supplant Gloire de France. \$5.00 per 100.

Double Gen. Grant. Semi-double, clear orange-scarlet. An old, well known variety, probably more used for bedding than any other variety in commerce. \$3.00 per 100.

James Vick. Type of Beaute Poitevine and a profuse bloomer; very fine. \$3.00 per 100.

John Doyle. Strong, vigorous grower, throwing its truss well above the foliage. Truss of largest size, color the richest scarlet, bright and effective. Highly commended for bedding purposes. \$1.00 per doz.; \$6.00 per 100.

J. J. Harrison. Semi-double Bruant. Brilliant capucine-scarlet; immense individual floret, 2½ inches in diameter. Large truss. Vigorous dwarf grower. \$4.00 per 100.

Beaute Poitevine. Semi-double Bruant. This variety is conceded to be the best semi-double salmon-pink geranium in existence for bedding purposes. What Alphonse Riccard is to scarlet geraniums, Beaute Poitevine is to the salmons. Undoubtedly the most profuse bloomer and unexcelled for selling in the spring or for bedding. We have a splendid stock of this variety and will be able to fill large orders at \$3 per 100, \$25 per 1000.

GERANIUMS—Continued.

Ivy Leaved Section.

Price, \$3 per 100, except when noted.

Centenaire. Brilliant red-solferino. Immense perfectly formed floret. One of the finest of ivy leaves. \$4.00 per 100.

Camille Doucet. Large rosy salmon flowers, each petal lightly blotched.

Comtesse Horace de Choiseul. A fit companion to Joan of Arc. The plant is vigorous, leaves without zones, flowers very large, 2 inches across, double and imbricated, in good trusses. Color a bright golden-salmon. We have no hesitancy in saying that this is the richest colored flower of any grown. \$4.00 per 100.

Chas. Monselet. Large, round, very full flowers, fiery red. Upper petals beautifully marked. Magnificent large truss.

Cordons Glory. Bright scarlet. Dwarf habit.

Beauty of Castle Hill. Immense truss, large floret, color beautiful rose, upper petals blotched. Profuse bloomer, splendid grower.

Eden Marchii. Flowers are very large, rosy salmon, shaded with violet. Large truss freely produced. Probably the most profuse bloomer of the ivys. Invaluable.

Edith Owen. Deep rose, large full bloom. Fine, bold upright habit.

Edward Charton. Lilac-porcelain. Fine large blooms. Dwarf habit.

Gen. Championnet. Grand scarlet color. Florets of a beautiful form, quite circular, largest size. Most regularly beautiful of all the ivys.

Incomparable. Truss very large, immense florets, regular in form and quite full. Color is an exquisite shade of rosy carmine.

Jean d'Arc. A grand variety. The nearest approach to pure white among the ivy geraniums. The best of its class.

La Foudre. Bright orange-scarlet, very double. One of the best scarlet ivys.

Pierre Crozy. Bright scarlet. Claimed to be a cross of an ivy and zonale geranium. Dwarf, compact habit, exceptionally free bloomer. A good bedding plant where a low growing plant is desired.

Ryecroft Surprise. This is a cross between Mme. Thibaut and Souvenir de Chas. Turner, and has all the good qualities of both parents. Color clear bright rose, with slight maroon blotch on upper petals, habit perfect, immense truss, large and well formed pips.

Souv. De Chas. Turner. One of the handsomest ivy geraniums ever introduced. Florets $2\frac{1}{2}$ inches across. Immense truss, 6 inches across. Color deep bright pink, approaching scarlet. Upper petals feathered with maroon. Flower quite double.

Bronze Varieties.

Marshall McMahon. Light green, with broad deep chocolate zone. Best of the bronze sort. \$6.00 per 100.

Snow Queen. Silvery green with broad white margin. Good grower, and effective and striking bedder. \$4.00 per 100.

Happy Thought. Green leaf, centre blotched white. \$4.00 per 100.

Rose Scented. Large-leaved. \$3.00 per 100.

Chinese Pæonies.

Grand for Early Summer Cut Flower

Chinensis.—Mont Blanc. Enormous flower, 6 to 8 inches. Pure white, with clear lemon-yellow centre. Strong clean stem, with splendid foliage. Deliciously fragrant. A grand cut flower. A better decorative flower than the chrysanthemum, 50 cts. each; \$5.00 per dozen.

Chinensis Giganthea.—Pink. A fit companion for Mont Blanc. Immense pure pink bloom. 6 to 8 inches. Delicious fragrance. Magnificent. 50 cts. each; \$5.00 per dozen.

Queen Victoria.	White,	} 25 cts. each; \$2.00 per doz.; \$10.00 per 100.
Queen Emma.	Pink,	
Pink Beauty.	Pink,	

Eulalia Zebrina. \$5.00 per 100.

“ **Gracillima.** \$5.00 per 100.

“ **Striata.** \$5.00 per 100.



PRIZE PÆONIES—Finishing Touches.

CHRYSANTHEMUMS

Still hold the throne as the Queen of all autumn flowers. The enormous quantities grown and sold each year shows no evidence of declining popularity. In the large wholesale growing centres where production has been stretched to its utmost, prices have been low for common varieties, but extra good flowers, particularly of the incurved Japanese type, have sold well. The list we offer this season contains the best of everything, both old and new, and the commercial grower will have no trouble in selecting a fine lot of varieties to cover the entire chrysanthemum season. In order to anticipate those who write for advice as to a selection of the best sorts to cover all seasons and colors, we give herewith a list of the varieties that grew and sold best with us this season.

WHITE.	
Earliest	Midge
2d Early	Mrs. H. Robinson
3d Early	Mrs. H. Weeks
Early Midseason.....	Eureka
Midseason.....	Western King
Late Midseason.....	Mrs. R. McArthur
Late.....	W. H. Chadwick
Latest.....	Merry Christmas.

PINK.	
Glory of Pacific	
Rose Owen	
Autumn Glory	
" "	
Quito	
Dorothy Spaulding.	
Carrie Bell	

YELLOW.	
Yellow Monarch	
Mrs. O. P. Bassett	
Pennsylvania	
Major Bonnaffon	
" "	
Admiral Dewey	
" "	
Admiral Dewey.	

SPECIAL OFFER.

We will send a list of 20 varieties containing 1 plant of each of above varieties by mail, postpaid, for \$2.00. Cash must invariably accompany this order.

From what we know of them the following sorts can also be safely grown by any competent grower, and will be found to be very salable varieties:

Madeline Pratt
Katherine Leech
Helen Bloodgood

Mrs. H. Weeks
Belle Poitvine
Maud Dean

H. L. Sunderbruch

Miss H. Wright
Lorna Doone
Marie Valteau

H. W. Rieman

Pink and White Ivory
Lady Playfair
Mrs. C. H. Peirce

The experience of the past season has amply demonstrated that to hold his chrysanthemum trade the grower must have a strictly up to date list of varieties. **Nothing else will do.** Prices are for strong 2½ in. stock well established.

EARLY CHRYSANTHEMUMS.

WHITE.

Midge. Very dwarf, 18 to 24 in. in height, flowers very double, pure white, stem very short. It resembles Mme. F. Bergmann, but being as early and a larger flower, is an improvement upon that popular variety. The earliest good white. 50 cts. per doz.; \$3.00 per 100.

Lady Fitzwygram. Japanese reflexed, 2½ feet, September 25th. Crown bud. Propagates early. Pure white, 5 in. blooms. Good stems, well foliaged. The earliest white. 50 cts. per doz.; \$4.00 per 100.

Mrs. Henry Robinson. A grand white variety. October 14th to November 1st. Height 3 feet; either bud. A perfect ball of snow, 16 to 18 in. in circumference. Magnificent foliage, and of the easiest management. One of the grandest whites. 50 cts. per doz.; \$3.00 per 100.

Geo. S. Kalb. Reflexed. 2½ to 3 feet. Extra early. Terminal buds, 5 to 6 in., full centered bloom, pure white. Strong stems foliaged well up to bloom. One of the very best early whites. 75 cts. per doz.; \$5.00 per 100.

Madeline Pratt. A splendid chaste variety. High built incurved snowy white bloom. A very beautiful flower. Best from terminals, grown cool. Early midseason. 75 cts. per doz.; \$5.00 per 100.

Mrs. H. Weeks. Jap. incurved. 4 feet. Early midseason. Crown buds, immense globular bloom, broad incurving petals, lower ones reflexing, snow-white in color. A grand flower, fine stem and foliage. Easily grown as grand in shape, form and size as Mrs. Robinson. 50 cts. per doz.; \$3.00 per 100.

Snow Queen. A first-class commercial variety, a large, nicely finished snow-white flower of rounded form, full to centre, slightly curved pointed petals and of great substance, good strong stem, with foliage nearly up to the flower; good keeper and shipper. Height, 3 to 3½ feet. At its best, October 20th to November 5th. 75 cts. per doz.; \$5.00 per 100.

Boundless Snow. Japanese reflexed. 2½ to 3 feet. Early. 1st crown bud, large bloom, flushed pink, finishing white. Very strong stem, heavily foliaged. Finishes with Robinson. 75 cts. per doz.; \$5.00 per 100.

Ivory. One of the best known dwarf early whites, grown in immense quantities. 50 cts. per doz.; \$3.00 per 100.

PINK.

Glory of the Pacific. October 8th. 2½ feet; 2d bud. An extra early pink following Mme. Bergmann by two or three days. Magnificent size and depth, with broad petals, which finely reflex, showing the clear pink color to excellent advantage. This is the best very early pink chrysanthemum to date. 50 cts. per doz.; \$3.00 per 100.

Rose Owen. Japanese incurved, grand extra early pink. September 25th to October 10th. Clear, bright, self-pink. Perfect form and finish. Clean, stiff stem, with neat, bright foliage. Somewhat undersized but sells first-class on account of its fine form and bright effect. 50 cts. per doz.; \$3.00 per 100.

Pink Ivory. A pink sport of the well known White Ivory. Identical with it, except in color. Must be grown cool or will come white. 50 cts. per doz.; \$3.00 per 100.

CHRYSANTHEMUMS—Continued.**EARLY PINK—Continued.**

Miss Helen Wright. An ideal flower in every way; pure ivory-white when in perfection, gradually assuming the faintest tint of pink with age. The stem and foliage are all that can be desired; an A1 variety for all purposes. In perfection from October 20th to November 7th. Crown or terminal buds; 3 feet high. 50 cts. per doz.; \$3.00 per 100.

Katherine Leech. Reflexed. Clear, pure, self, Day-break-pink; large solid bloom, splendid foliage close up to the bloom; good stem and good keeper. A first-class early pink. 50 cts. per doz.; \$3.00 per 100.

EARLY YELLOW.

Yellow Monarch. A yellow sport from Merry Monarch, identical, except in color. The earliest large flowering yellow chrysanthemum to date. 50 cts. per doz.; \$3.00 per 100.

Riverside. October 10th to 15th. Clear deep canary-yellow, with broad flat petals, large flower, almost a counterpart of Vivand-Morel. Perfect habit. A splendid, very early yellow. One of the very best. 50 cts. per doz.; \$3.00 per 100.

Golden Trophy. Received certificate from N. C. S. Committee at Chicago. A valuable addition to second early chrysanthemums, being in nice shape for cutting and in full perfection on the 20th of October. It grows only 2 feet high. Most valuable for pot plants. 50 cts. per doz.; \$3.00 per 100.

Yellow Rose Owen. Sport from the well known Rose Owen, identical save in color, which is a bright yellow, tinted with pink on tips of petals. \$1.50 per doz.; \$10.00 per 100.

Mrs. O. P. Bassett. Japanese incurved. Sport from Mrs. Robinson. Color light clear yellow, identical in form, size, habit and period of blooming with Robinson. 75 cts. per doz.; \$5.00 per 100.

Australian Gold. 3½ feet. Early, 1st crown bud. Fine, large bloom, broad petaled. Deep yellow. Japanese incurved. Will not stand late feeding. 75 cts. per doz.; \$5.00 per 100.

Pennsylvania. Deep primrose-yellow, sport of Philadelphia. Identical with Philadelphia in every respect, save its color, which is a great improvement. A grand market variety, and unexcelled for exhibition purposes. Height 3¾ to 4 feet. Stem and foliage perfect, and flower of largest size and most perfect form. This variety may be characterized as immense. A magnificent second early variety. 75 cts. per doz.; \$5.00 per 100.

Solar Queen. Japanese incurved. 3 feet high. October 15th. Crown bud. Heavy foliage, very stiff stem. Golden-yellow color, very large, shallow bloom. A good pot plant. Easily grown. 75 cts. per doz.; \$5.00 per 100.

MIDSEASON VARIETIES.**WHITE.**

Belle Poitevine. Japanese incurved. A chaste snow-white globe, medium to small size, exquisite form and finish. One of the most graceful chrysanthemums extant. Magnificent pot plant and produces graceful sprays that should be very useful to the florist in smaller towns when extra large blooms are not essential. 75 cts. per doz.; \$5.00 per 100.

Eureka. An extra high-class porcelain-white. Size and form similar to Philadelphia, petalage very abundant and well set, shipping and keeping qualities first-class. Crown buds 4 ft. One of the grandest midseason whites, easily grown, splendid stem and foliage, immense bloom. Nothing better. 75 cts. per doz.; \$5.00 per 100.

Western King. This we believe a fine commercial white. A pure white incurved flower, with outer petals slightly reflexing. Maturing November 1st; good from either bud. Chaste and beautiful form; fine stem and foliage, 3 to 3½ feet with us. Constitution not as strong as some, hard to propagate, but when once established gives excellent results. Gave us splendid blooms this season from selected stock. 50 cts. per doz.; \$3.00 per 100.

Robert G. Carey. (Carey). A very beautiful globular incurved white, of good substance and good keeping qualities. An extra fine exhibition or commercial variety. Will be a standard variety for all purposes, 4½ feet; best on terminal buds. In season from 15th to 20th November. 75 cts. per doz.; \$5.00 per 100.

Miss Gladys Vanderbilt. Pearl-white, with lemon shaded centre; an exceedingly fine thing and a decided novelty both in form and general build, and an extra good exhibition flower. In season 1st to 15th of November, crown or terminal, 3½ to 4 feet. 75 cts. per doz.; \$5.00 per 100.

Frank Hardy. Second crown bud. Magnificent extra large midseason white, of foreign origin, coming immediately after Mrs. Robinson. Flower of the largest size, and of perfect form when taken on second crown buds. Curious hunchback neck on terminals. Second crowns were fine with us. Terminals worthless. An immense thing when done right. 50 cts. per doz.; \$3.00 per 100.

Evangeline. Japanese incurved, 5 feet, late midseason. Pure white form of Kioto. Large, close, compact bloom of great substance. A splendid keeper. 50 cts. per doz.; \$3.00 per 100.

Merza. Japanese incurved. In habit more dwarf than Ivory, yet in no way weak in constitution, producing pure white flowers of the largest size, which rest upon its foliage. For single stem pot plants, this will make a record breaker. Those benched July 20th only attained 10 and 12 inches in height. A seedling from H. L. Sunderbruch and Mrs. H. McK. Twombly. The flower is a white Sunderbruch, only higher built and more closely incurved, with nearly twice the number of petals. \$10.00 per 100.

Arline. Incurved. Pure white, dwarf, upright habit, with excellent stem. Splendid for single stem pot plants. Flowers medium size, closely incurved. C. S. A. Certificate. \$6.00 per 100.

CHRYSANTHEMUMS—Continued.

Midseason Varieties—White—Continued.

Lorna Doone. This variety is of mammoth size, pure white, very broad, heavy and deep flower, with age, outer petals curl and interlace. Habit extra dwarf, attaining $2\frac{1}{2}$ feet; foliage and stems perfection. Crown or terminal buds. May be had very late. Flower opens blush-pink, changing to white as finished. One of the best exhibition blooms we have. 75 cts. per doz.; \$5.00 per 100.

Wm. H. Chadwick. An immense graceful bloom, waxy white, occasionally tinted pink. Growth, habit, stem and foliage simply perfect. Anybody can grow it satisfactorily. It cannot be praised too highly. Midseason or later. A grand late variety when grown on solid bed in cool house. 75 cts. per doz.; \$5.00 per 100.

C. W. Ward. $3\frac{1}{2}$ to 4 feet. Late midseason. Either bud, a solid ball of large size, densely set with petals. A splendid stem and magnificent foliage right up to bloom. Blush-white, finishing snow-white. Rather stiff and formal, but good for exhibition. 50 cts. per doz.; \$3.00 per 100.

MIDSEASON PINK.

Quito. Japanese incurved, $2\frac{1}{2}$ to 3 feet. Late midseason. 2d crown bud. Form and style of Maud Dean, deep pink within, lighter shade without. Splendid foliage up to bloom, fine stem. Healthy grower. Think this will make a nice pot plant. 75 cts. per doz.; \$5.00 per 100.

Lady Playfair. A grand shade of light pink, finest of its color, extra large size; elegant finish. The very best of this class for commercial purposes. Makes a splendid pot plant, early November. A staple sort. 50 cts. per doz.; \$3.00 per 100.

Alice F. Carey. (Carey). A beautiful light shade of pink, reflex, having excellent keeping qualities with extra good foliage and stem. A grand commercial flower, season middle of November. Average $3\frac{1}{2}$ feet; terminal buds. 75 cts. per doz.; \$5.00 per 100.

Autumn Glory. Japanese reflexed, height 4 to 5 feet, early midseason. Deep reddish salmon, changing to a soft shrimp-pink when fully done. Extra large bloom of great depth, easily grown, good strong stem, fine healthy foliage. A new shade and a fine thing. 75 cts. per doz.; \$5.00 per 100.

Belle of Castlewood. A rich, enamelled shell-pink, broad petaled incurving Japanese; a distinct and pleasing shade, bloom of large size, solidly set on a grand stem, with good foliage. One of the most chaste and beautiful chrysanthemums, when well done. Must not be overfed or it may come blind, and color will not be good on flowers that do set. 50 cts. per doz.; \$3.00 per 100.

Helen Bloodgood. Japanese incurved. A true clear pink without a trace of purple or magenta. Largest size, fine globular form, strong habit, fine stem. Must not be overfed or color is not good. When well grown the prettiest of all pinks. 50 cts. per doz.; \$3.00 per 100.

Maud Dean. Rosy pink. November 5th. $3\frac{1}{2}$ feet, either bud. One of the very best of its color; fine for cutting. 50 cts. per doz.; \$3.00 per 100.

Marie Valteau. Japanese incurved. Rich, soft cameo-pink, beautiful large sized, spherical bloom, broad, thick, heavy petals. Cup shaped. Color shading deeper towards centre. Stiff erect stem, luxuriant foliage. One of the best midseason pinks. A fine commercial sort. 50 cts. per doz.; \$3.00 per 100.

MIDSEASON YELLOW.

Major Bonnaffon. One of the very best yellows; 3 to 5 feet. An exhibition as well as a market bloom. A soft clear yellow, incurved, perfect in form and finish, with model foliage and stem. Early crown. Nothing better yet out. 50 cts. per doz.; \$3.00 per 100.

Mrs. C. H. Peirce. A soft deep yellow that appeals to the eye and at once becomes a favorite. Of robust habit, model strength of stem, heavy beautiful cut foliage up to the flower, its even growth, uniform size of flowers that are made up of well developed leathery petals, giving it the greatest substance. Height $3\frac{1}{2}$ feet. The large full flowers of globular form, with straight petals curved in at the tip, produce an equal to Major Bonnaffon, of a deeper yellow and a nearly reverse in style of petal. Take first bud. At its best November 6th to 25th. 75 cts. per doz.; \$3.00 per 100.

Thornden. Reflexed Japanese. A deep bright chrome-yellow, more intense than Modesto. Height 3 feet, short stout stem. Good form, centre petals somewhat erect. Midseason. A grand yellow. 75 cts. per doz.; \$5.00 per 100.

Chempwec. (May). Clear bright yellow sport from Silver Cloud. Large flower, with good stiff stem and foliage well up to the flower. An extra good shipping commercial variety of good vigorous constitution. A fine exhibition sort. In season 1st to 15th of November; crown or terminal buds; $3\frac{1}{2}$ to 4 feet. 75 cts. per doz.; \$5.00 per 100.

H. L. Sunderbruch. Bright golden-yellow, large bloom. Easy grower. 50 cts. per doz.; \$3.00 per 100.

VARIOUS COLORS.

Mrs. Hicks-Arnold. One of the best examples of the bronze type. An old variety held by some growers to be still unsurpassed. 50 cts. per doz.; \$3.00 per 100.

Spottswood. (Carey). A beautiful high built incurved buff-yellow, somewhat in the style of Bonnaffon. This variety will certainly make a reputation for itself both as an exhibition and commercial flower. An extra good keeper; 4 feet. Crown or terminal buds. 75 cts. per doz.; \$5.00 per 100.

Black Hawk. 5 feet. Midseason. Either bud, dark crimson-scarlet, self, form of V. Morel. Large size, strong grower, stiff stem, grand foliage. Easily done if not fed, as it burns readily if too soft. Must have a cool, dry atmosphere to perfect the bloom. 75 cts. per doz.; \$5.00 per 100.

Cullingfordii. One of the oldest and still one of the best dark sorts. Rather small bloom still unsurpassed in its color, which is a deep velvety crimson-maroon. 50 cts. per doz.; \$3.00 per 100.

LATE CHRYSANTHEMUMS.

WHITE.

Mrs. R. McArthur. Japanese incurved. $3\frac{1}{2}$ to 4 feet. Late. Good on either bud. Magnificent, crystal-white, pure as driven snow. Petals incurved and cupped, form hemispherical, fine strong stem, perfect glossy green foliage clear up to flower. An easy grower free from all ailments. One of the best late whites we have grown. Good in every way. \$1.00 per doz.; \$8.00 per 100.

Merry Christmas. (Dorner). The best and latest of all whites. Height, $4\frac{1}{2}$ feet. Good stiff stem. A well formed flower of purest white, in style of Mutual Friend, but far greater in substance and full to the centre. The latest of all chrysanthemums, being at its best, December 20th to January 1st. 75 cts. per doz.; \$5.00 per 100.

PINK.

Dorothy Spaulding. Japanese incurved. 3 to 4 feet. Early to late. 2nd crown or terminals. Massive flower, with broad cupping petals finishes or compact solid globe, fine rose-pink. Magnificent stem and foliage full up to bloom. Grand in size and beautiful shade. A perfect shipper and splendid keeper. Can be had very early; or propagated late on solid beds makes a grand late pink on terminals. \$1.25 per doz.; \$10.00 per 100.

Mrs. S. T. Murdock. November 10th to December 1st. Either bud, 3 to 4 ft. Large size, good substance, fine formed flower. Short, strong jointed, strong stem. Color a beautiful tone of light rose or pink. Has proved a splendid shipper, and is a grand commercial variety. One of the very best. A grand late pink on solid beds. 50 cts. per doz.; \$3.00 per 100.

Minnewaska. Bold heavy flower, almost globular in form; straight and strap petals of a distinct shade of deep pink. As a late exhibition variety this will prove very valuable; also a good pot variety; 3 feet. 75 cts. per doz.; \$5.00 per 100.

YELLOW.

H. W. Rieman. Japanese incurved. 4 feet, late. Terminal buds. Massive, deep golden-yellow, very full bloom. Extra stiff stem, with grand foliage. An easy grower and splendid keeper. Must be allowed to finish or will show bronzy. One of the best late yellow. 50 cts. per doz.; \$3.00 per 100.

Yellow Fellow. Japanese reflexed. 5 feet. Midseason. large, graceful bloom, maturing yellow, bronzed if cut too soon. Strong stem, heavy foliage. Easily grown. 75 cts. per doz.; \$5.00 per 100.

Maud Adams. A grand, incurved, magnificent, clear yellow Japanese, petals cup and interlace, forming a globular ball of great substance and largest size. One of the best late yellows, 4 ft. Terminals. 50 cts. per doz.; \$3.00 per 100.

J. M. Gifford. A grand golden-yellow. Petals cupped and closely incurved, making a very massive globular flower, shape of petal and build similar to Kioto, but twice the size and of a richer, deeper shade. 2d crown bud. 50 cts. per doz.; \$3.00 per 100.

CRIMSON.

The Barrington. 3 feet. Late midseason, 2d crown. Bright maroon, silver reverse. Fine strong stem, fine foliage clear to flower. An enormous high built bloom with very broad petals, build and character of Mrs. Geo. West. An extra fine sort for exhibition \$1.00 per doz.; \$8.00 per 100.

T. H. Spaulding. Color deep wine, self. Form, Japanese incurved, with broad petals, forming a huge wine-colored ball showing no centre, $6\frac{1}{2}$ to $7\frac{1}{2}$ inches in diameter. Stem as stiff and erect as any variety grown, $3\frac{1}{2}$ to 4 feet high. Foliage equal to Major Bonnafton, completely covering the stem from the ground up to the bloom. When overfed, bronzes. May be had in bloom from November 15 to December 15. 75 cts. per doz.; \$5.00 per 100.

FERNS.

Nephrolepis Cordata Compacta. A compact dwarf variety of the well known nephrolepis family, the most shapely variety of the species. We have a fine stock. $2\frac{1}{2}$ -inch pots, \$5.00 per 100; 3-inch pots, \$6.00 per 100; 4-inch pots, \$8.00 per 100; 8-inch pans, 3 in a pan, bushy, \$9.00 per dozen pans.

Boston Fern. (Nephrolepis Bostoniensis.) Fine, strong plants from $2\frac{1}{2}$ -inch pots, \$5.00 per 100.

Peperomia Argyrea. Very useful stove plant, makes a fine single specimen, or for a mixed vase or urn. Much used in design work. Strong shapely 3-inch plants, well leaved, 75 cts. per dozen; \$6.00 per 100.

MISCELLANEOUS PLANTS.

Ageratum, Cope's Pet, $2\frac{1}{2}$ -inch, \$3.00 per 100.

" **Princess Pauline,** $2\frac{1}{2}$ -inch, \$6.00 per 100.

Asparagus Plumosus, 4-inch, \$8.00 per 100.

Fuchsias, assorted, 2-inch, \$4.00 per 100.

Heliotrope. Best blue, for cutting or bedding, $2\frac{1}{2}$ -inch, \$4.00 per 100.

Salvia, L. President, $2\frac{1}{2}$ -inch, \$3.00 per 100.

Swainsona alba, $2\frac{1}{2}$ -inch, \$3.00 per 100.

" **rosea,** $2\frac{1}{2}$ -inch, \$3.00 per 100.



NEPHROLEPIS CORDATA COMPACTA.

KENTIAS.

We offer extra strong clean kentias in the scarce sizes. These are extra heavy plants of good value. They have been grown cool, are well hardened, will stand rough usage, and are giving satisfaction wherever sold.

Kentia Belmoreana. 5-inch pots, 5 to 6 leaves, 20 to 22 inches high, \$9.00 per dozen; 5-inch pots, 5 to 6 leaves, 22 to 24 inches high, strong, \$12.00 per dozen; 6-inch pots, 5 to 6 leaves, 24 to 26 inches high, \$15.00 to \$18.00 per dozen; 6 to 7-inch pots, specimen plants, \$2.00 to \$2.50 each.

Kentia Forsteriana. 5-inch pots, 5 to 6 leaves, 24 to 28 inches high, \$9.00

per dozen; 5-inch pots, 5 to 6 leaves, 24 to 30 inches high, strong, \$12.00 per dozen; 6-inch pots, 6 leaves, 30 to 34 inches high, extra heavy, \$15.00 to \$18.00 per dozen.



HOUSE OF PANDANUS VEITCHII.

PANDANUS VEITCHII.

We offer a large stock of extra fine, clean, well grown, handsomely colored plants. No better for the money can be had. 6-inch pots, 20 to 22 inches high, \$1.00 each, \$12.00 per dozen; 6-inch pots, 24 to 26 inches high, \$1.25 each, \$15.00 per dozen; 6 to 7-inch pots, 26 to 28 inches high, specimens, \$1.50 to \$2.00 each; 9-inch pots, 28 to 30 inches high, specimens, \$2.50 each.

GARDENIAS

Gardenia Florida. 5-inch pots, bushy plants in bud, 50 cts. each.

Gardenia Fortunei. 4-inch pots, fine plants, 50 cts. each.

Gardenia Veitchii. 4-inch pots, fine plants, 50 cts. each.



HOUSE OF KENTIAS.



HOUSE OF LILAC MARIE LE GRAYE FORCED FOR EASTER

Marie Le Graye. The only pure white lilac that can be profitably forced at all seasons. Its large racemes, measuring from 6 to 9 inches long and 4 to 5 inches in diameter, are snow-white under all conditions and are produced in the greatest abundance. The plants we offer are 8 years old, having been grown 5 years on our grounds, root pruned twice and trained to dwarf, round heads, $2\frac{1}{2}$ to 3 feet high and 2 to $2\frac{1}{2}$ feet in diameter. They are fully set with flower buds and will produce an enormous mass of flowers. Extra selected specimens, \$4.00 per dozen; \$30.00 per 100. Fine shapely plants, \$3.50 per dozen; \$25.00 per 100. Can be shipped at any time. Full directions for forcing sent with each order shipped.

Miscellaneous Hardy Plants.

NEW JAPANESE PÆONIAS.

These magnificent new varieties of Japanese Pæonias have attracted much attention on the New York market the past 3 years. Coming at a season when large decorative flowers are scarce they fill the want completely with their enormous showy and deliciously fragrant blooms. In the all absorbing effort to produce flowers in winter, florists have over-looked many useful plants, which would make their premises attractive in spring and summer and turn in a welcome income. The enormous, fragrant and handsomely colored pæonias will prove striking attractions to any florist's grounds and their magnificent cut blooms are as effective in June and July as the chrysanthemum is in autumn.

Officinalis Rosea Superba. A grand new Japanese variety producing magnificent blooms, 6 to 8 inches in diameter, of that much sought after clear, brilliant, rose-pink. Plant is a strong healthy grower, fully as vigorous as the old crimson officinalis, fully as good a bloom and withal a little earlier in blooming. It is the earliest pink pæony and is invaluable for cut flowers. We have disposed of all the cut flowers of this variety at \$2.00 to \$3.00 per dozen, wholesale,

during the past 2 years. Strong roots, \$1.00 each; \$9.00 per dozen; \$60.00 per 100.

Officinalis Mutabilis, or White Japan Pæony. Fine large full flower, opening pale flesh, finishing creamy or blush-white. Earliest white pæony, 35 cts. each; \$3.00 per dozen.

Officinalis Crimson. The well known pæony of our grandmothers' days, \$1.50 per doz.; \$12.00 per 100.

DAHLIAS.

WE have a fine stock of extra strong field-grown roots, of our own growing. Ready for delivery at any date.

Florists favoring us with their orders will receive extra good roots.

Prices are for strong, field-grown roots, with good eyes.

VARIETIES BEST SUITED FOR CUT FLOWERS.

The following varieties have been grown with us for cut flowers, and have proved very free bloomers. They produce an enormous crop of flowers with fine long stems.

Their sole requirements are a sandy loam, well fertilized, and plenty of moisture at the roots. Seaside florists and any others who have a summer trade should try these Dahlias for cut flower purposes, as their use is increasing each year.

WHITE VARIETIES.

Purity. A pure white flower of the largest size, perfect in form and finish. Plant of strong, vigorous branching habit, a free bloomer on fine long stems. Almost no imperfect blooms. Outranks all other dahlias as a cut flower or bedding sort. Divided roots. 30 cts. each; \$3.00 per dozen.

Beauty. Snow-white, perfect in form, a fine stem, very full bloom, showing no centre. One of the very best whites for cut flowers. \$1.00 per doz.; \$8.00 per 100.

Henry Patrick. The very best pure white dahlia in cultivation. Flowers are large, borne on long stems and excellent for cutting or exhibitions; an early, profuse and continuous bloomer. The plant is a very strong, vigorous grower, and the flowers are of great substance, beautiful and waxy, and never show centre. \$1.00 per doz.; \$8.00 per 100.

YELLOW VARIETIES.

Mary D. Hallock. Clear yellow. Very profuse bloomer on long stems. \$1.00 per doz.; \$8.00 per 100.

Fanny Purchase. Pure yellow, fine form, excellent cut flower sort. \$1.00 per doz.; \$8.00 per 100.

Catherine. A pure deep chrome-yellow pompon of large size, perfect form, finish and stem. We think this the best yellow for cut flowers. \$1.50 per doz.; \$10.00 per 100.

Arabella. Large, pale primrose, tipped and shaded old rose and lavender, always full to the centre and of perfect form. Plant of medium height. A strong, vigorous grower; profuse bloomer from June until frost. Fine long stems. The finest and most productive cut flower sort in existence. \$1.00 per doz.; \$8.00 per 100.

Clifford W. Bruton. The finest yellow decorative cactus dahlia. It is a very strong, sturdy grower, and an extremely profuse bloomer for so large a flower. The flowers are large, 5 to 6 inches in diameter. The color is a solid pure yellow, the clearest, richest shade. The flowers can be cut at any stage of development, and as they are borne on very long graceful stems they are invaluable for cutting or exhibition purposes. Price \$1.00 per doz.; \$8.00 per 100.

YELLOW VARIETIES—Continued.

Mrs. E. C. Munroe. A magnificent variety, pure sulphur-yellow, large blooms, fine form, produced in endless quantities on fine long stems. A perfect bank of yellow. Grand for bedding or cutting. 15 cts. each; \$1.50 per doz.

PINK VARIETIES.

A. D. Livoni. By all means the best clear soft pink show dahlia. Medium to large size, form perfect, being round and full, with beautiful quilled petals. Plant of medium height, branching habit, strong and vigorous. Blooms profusely from June until frost, and perfect to the last, with fine long stems. Best pink dahlia for cut flower purposes. \$1.00 per doz.; \$8.00 per 100.

Apple Blossoms. A very pretty new variety that combines all the new shades found in apple blossoms, from red, pink and carmine to pure white. The first flowers are deep red-pink and carmine, but as the season advances they gradually open lighter and lighter until they become pure white, beautifully veined and penciled delicate pink. The flowers are of fine form, always full to the centre, and the plant is a strong sturdy grower, of medium height, and a free and constant bloomer, with good stems. A splendid cut flower sort. \$1.00 per doz.; \$8.00 per 100.

Mrs. Gladstone. A beautiful delicate shell-pink. One of the finest varieties we have. A grand bloomer. Magnificent bedder. A perfect mass of bloom and a grand sort for cutting. \$1.50 per doz.; \$10.00 per 100.

Nymphæa. (The Pink Water Lily Dahlia.) One of the finest in the entire list. A very strong, sturdy grower. The flowers are produced in endless quantities on long stems well supplied with buds and foliage. The color is a soft, delicate, light shrimp-pink, shading slightly darker toward the outer petals, while the flowers are of large size, perfect form, and of most exquisite finish, being soft, waxy, delicate and graceful. This variety is more extensively grown for florists' cut flowers than any other. We have a fine stock of strong roots. \$1.00 per doz.; \$6.00 per 100.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

DAHLIAS—Continued.

SCARLET VARIETIES.

Wm. Agnew. The grandest red cactus dahlia ever produced, and one that will eventually find its way into every collection. The flowers are of large size, measuring more than seven inches in diameter, and always full to the centre; of perfect form and of exquisite quality and finish, while the color is the richest shade of intense dazzling red; perfect habit, especially valuable for every purpose. Earliest bloom of all, and the best scarlet for cut flowers. A vase of this is a magnificent sight not soon forgotten. \$1.00 per doz.; \$8.00 per 100.

John Elitch. A massive flower of splendid form. Rich deep glowing crimson color. A splendid bloomer. One of the finest of this section. \$1.50 per doz.

FANCY VARIETIES.

Frank Smith. Rich dark maroon, tipped pinkish white. The two colors are beautifully blended. A grand combination of rich and lustrous tints. Grand grower; early and continuous bloomer, until frost cuts it down. Magnificent stems. Must be staked. Best fancy dark sorts. \$1.00 per doz.; \$6.00 per 100.

Grand Duke Alexis. Creamy white, tipped with lilac, a huge flower; 6 inches in diameter; petals curiously and regularly fluted, forming a most perfect bloom. Habit magnificent. A grand cut flower sort. Nothing can excel the enormous flowers. Stems well foliated. Cut blooms outsell all others. 20 cts. each; \$2.00 per doz.

Miss May Lomas. One of the grandest varieties in the entire list; the plant is a strong, vigorous grower, and is constantly covered with large fine-shaped flowers. The form is entirely distinct, having very large shell-like petals of most exquisite, waxy finish; while the color is charmingly lovely, being pure white, delicately suffused, soft, rosy lavender, a most unusual shade, and excellent for cutting. Always a scarce sort. \$1.50 per doz.; \$10.00 per 100.

Ruby Queen. A beautiful variety, resembling an American Beauty Rose when fully expanded; clear ruby-red, richly shaded; early and profuse bloomer. One of the very best varieties in cultivation; always beautiful; profuse bloomer from June until frost. One of the best sorts for cut flowers, nothing produces a more constant crop. \$1.00 per doz.; \$8.00 per 100.

GENERAL LIST OF DAHLIAS.

Black Prince (Decorative). Dark velvety maroon, nearly black. Large, perfectly formed flowers, very full to centre; profuse bloomer; strong compact grower. Finest dahlia of its type. \$1.00 per doz.; \$6.00 per 100.

Bertha Mawley (Decorative). Scarlet, overlaid with crimson-purple. \$1.00 per doz.; \$6.00 per 100.

Evadne. (Decorative). Soft rich primrose-yellow, tipped with creamy white, at times edged with delicate pink, very free bloomer. \$1.25 per dozen; \$8.00 per 100.

Gilt Edge (Decorative). Similar to Bertha Mawley. \$1.00 per doz.; \$6.00 per 100.

Iridescent (Decorative). Brilliant soft orange-red, with a purplish blue reflex, which laps over the edge of the petal, forming a bluish margin. The color effect is rainbow-like, and is very distinct and striking. Habit is first-class and is a free and early bloomer. \$1.50 per doz.; \$10.00 per 100.

Lemon Giant (Decorative). Immense pure yellow, very full flower, without trace of any other color. Strong grower and quite a profuse bloomer. \$1.00 per doz.; \$6.00 per 100.

H. F. Michell (Cactus). An enormous flower of the pure cactus type; rich soft yellow, shading to deep orange-red, blending in perfect harmony. Flower is of a remarkable form, with broad pointed, curiously twisted and incurved petals. The best true cactus dahlia that we have for this climate. \$1.50 per doz.; \$10.00 per 100.

Lord Lyndhurst (Decorative). Deep glowing scarlet, large, very full bloom. Early profuse bloomer, fine strong grower. \$1.00 per doz.; \$6.00 per 100.

Orange King (Bedding). Rich shade of brilliant orange, dwarf branching habit, an early, abundant and constant bloomer until frost. Splendid for massing, the best of all varieties of this color. \$1.00 per doz.; \$6.00 per 100.

Mrs. Geo. Reid (Decorative). One of the best of this class. Pure white, edged and flaked with soft rosy lake, petals deeply cleft, overlapping and giving flower a distinct and novel fringed appearance. A very pretty variety. \$1.00 per doz.; \$8.00 per 100.

Pluton. Magnificent pure clear yellow, large size, perfect form, strong, semi-dwarf branching grower, and produces a mass of blooms exceptionally fine. \$1.00 per doz.; \$6.00 per 100.

POMPON SECTION.

This most beautiful section of the dahlia family is distinguished by their perfectly formed flowers of medium to small size, which are produced in the greatest profusion, sometimes almost hiding the foliage. They furnish some of the best bedding sorts, are more easily grown than the other sections, and always furnish an abundance of bloom. The habits are dwarf, but they can be cut in fine sprays, and when so treated are valuable for cut blooms.

Beauty Inconstant. A profuse bloomer, always of perfect form and beautiful, yet inconstant in color; yellow, margined red; white, margined yellow, and sometimes all three colors are beautifully combined in the same flower, the same plant bearing all the types at one time. It is entirely distinct, and one of the loveliest of this beautiful section. \$1.00 per doz.; \$6.00 per 100.

Catherine. The best pure yellow for cut flowers, Magnificent color, borne on long stems, and blooms of large size for this section. \$1.50 per doz.; \$10.00 per 100.

Elfin. New. A dainty little flower; pale primrose changing to creamy white; perfect form, full and free. \$1.00 per doz.; \$6.00 per 100.

POMPON DAHLIAS—Continued.

Eleganza. A superb quilled variety; soft pink, tipped deep pink, reflex light pink, making a beautiful combination of shades. A constant bloomer, and acknowledged to be the finest of all pink pompons. \$1.00 per doz.; \$8.00 per 100.

Fairy Queen. Light sulphur-yellow, edged deep peach; beautiful flowers of perfect form, produced on long stems in endless profusion; excellent for cutting. \$1.00 per doz.; \$6.00 per 100.

Le Petit Jean. Dark crimson-maroon, shaded orange, flower a perfect miniature ball, of great substance, borne on long stiff stems, a distinct and pretty variety. \$1.00 per doz.; \$6.00 per 100.

Red Piper. Peculiar shade of dark red. Dwarf, strong branching grower. Fine shaped flowers; a very pleasing variety. \$1.00 per doz.; \$6.00 per 100.

Snowclad. The finest white pompon to date; a strong, vigorous grower, of branching habit, and such a profuse bloomer as to suggest the name; of perfect form, and always full to the centre. Awarded first prize everywhere. A valuable florists' variety, as it furnishes an immense quantity of white flowers suitable for making up. \$1.00 per doz.; \$6.00 per 100.

New Bedding Dahlia. Psyche. Undoubtedly the finest type of bedding dahlias ever sent out. It grows very dwarf and branches right from the ground, while the plant is so completely covered with flowers as to resemble a hugh bouquet. The color is pale primrose, tinted and shaded rose. The flowers are regular, of medium to small size, and increase in beauty as the season advances. \$1.00 per doz.; \$6.00 per 100.

Phrynum Variegatum. A striking variegated plant resembling a dwarf canna in growth and foliage. Is a first-class bedding plant; grows as easily and increases as rapidly as a canna. Makes a fine specimen plant in pots, and may be classed as a most useful florist's plant. (*See cut.*) Strong roots, \$1.50 per doz.; \$10.00 per 100.



PHRYNUM VARIEGATUM AS A POT PLANT.

New Evergreen Hybrid Wichuraiana Roses.

The most remarkable achievement and improvement of a new and distinct type of **HARDY ROSES** that has been made for a generation. The growth is remarkable for its freedom, a single plant, four years old, covering a space of 240 square feet, with long shoots, 12 to 25 feet in length, with its bright, glossy foliage and showy, fragrant flowers. The same plant made 108 new growths of remarkable strength during the summer. The *foliage* of all is leathery in texture, shining, and not only proof against insects, but **evergreen**; that is, keeping the foliage all winter—a characteristic in roses never before obtained.

The flowers are produced most profusely, are all of large size, very fragrant, and can be easily used for cut flower purposes, as much as any greenhouse tea rose, especially when in bud. The use of these roses will be unlimited—for trailing or covering ground where nothing else would grow, to cover roots, stumps and stems of trees, walls and trellises, for cut flower purposes, and also for forcing as pot plants during spring, especially for Easter. All the following varieties exceed any rose in either hardiness, evergreen foliage, beauty, and fragrance of their flowers.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

NEW EVERGREEN HYBRID WICHURAIANA ROSES—Continued.

EVERGREEN WICHURAIANA ROSE GARDENIA.

EVERGREEN GEM. (Manda.) Wichuraiana x Madame Hoste. The most wonderful grower of the set, not only evergreen, but growing during mild weather in winter. Stems long branching, rich bronze color, covering the ground closely. Foliage fine rich bronze color, closely matted. Flowers produced singly on stems, yellow, buff in bud, opening to almost white, 2 or 3 inches in diameter, perfectly double and of a delightful Sweetbriar fragrance. This will be found most valuable for landscape work as well as for cut flower purposes. I consider this the best plant of the set.

GARDENIA. (Manda.)

Wichuraiana x Perle des Jardins. Strong grower, with large green foliage. Flowers produced singly on stems $\frac{1}{2}$ to 1 foot long. When in bud, hardly distinguishable from Perle, bright yellow, and when open, cream color, 3 to $3\frac{1}{2}$ inches in diameter, incurving towards evening to perfect imitation of Gardenia as to shape and color, hence its name. Flowers are delightfully fragrant and produce freely. A grand rose for any purpose.

JERSEY BEAUTY.

(Manda.) Wichuraiana x Perle des Jardins. Extremely vigorous grower, foliage shiny, thick, of leathery substance. Flowers singly or in clusters of two to four, large, single, 3 inches in diameter, opening pale yellow, with clusters of bright yellow stamens, which give it a most striking appearance, fragrant, and produced in greatest profusion, covering the plant entirely, and having the appearance of a yellow Cherokee rose. Great acquisition to roses, and the most striking variety of the set.

Wholesale Prices.

One dozen at the dozen rates, 25 at the 100 rates, and 250 at the 1000 rates.

Gardenia, 2 inch plants, \$7.50 per doz.; \$50.00 per 100; \$400.00 per 1000. One-year-old, \$1.75 each; \$18.00 per doz. Two-year-old, \$3.75 each; \$40.00 per doz.

Jersey Beauty, 2-inch plants, \$4.50 per doz.; \$30.00 per 100; \$200.00 per 1000. One-year-old, \$1.00 each; \$10.00 per doz. Two-year-old, \$1.75 each; \$18.00 per doz.

Evergreen Gem, 2-inch plants, \$4.50 per doz.; \$30.00 per 100; \$200.00 per 1000. One-year-old, \$1.00 each; \$10.00 per doz. Two-year-old, \$1.75 each; \$18.00 per doz.

New Forcing Rose **GOLDEN GATE.**

Some new plants are brought to the florists' attention, covered with praise and the plaudits of fellow introducers, flanked with medals and certificates, their merits emblazoned far and wide by a liberal use of printer's ink, and are speedily found on the counters of every progressive florist. Many of them are shortly overdone, the public tire of their monotonous profusion, and they soon make way for some other well advertised favorite.

Others creep quietly into commercial use, finding here and there a friend who discovers the real worth of the modest candidate, till at last the trade awakes to the fact that a valuable plant lies neglected at their feet.

To this latter class seems to belong the **Golden Gate Rose**, and just at this time when the chief rosarian of America is deploring the monotony of Beauty, Bride and Bridesmaid, it would seem proper to call attention to its fitness for the retail grower, who would be benefited by introducing more variety in the flowers he offers for sale.

As to the merits of this comparatively unknown rose, we refer to the following letters from Messrs. Gude Bros., Grove P. Rawson and Joseph R. Freeman, who have been growing and selling it for the past three years.

We offer fine fresh growing plants propagated from selected blooming wood, April 1 and later delivery. Purchasers will please remember that there is no scarcity of wood for propagating, and therefore they are not purchasing an over-propagated novelty at a high price, but a tried commercial rose at a price within every grower's reach.

Strong 2½-inch plants, \$6.00 per 100; \$50.00 per 1000. Strong 3½ plants, \$8.00 per 100, \$75.00 per 1000.

GOLDEN GATE ROSE.

Exquisite shell-pink, shading to creamy flesh on the outer petals. A lasting cut flower, being of great substance. It is also the largest of the tea roses and a perpetual bloomer, healthy and robust.

The flowers are often as large as American Beauty, on long, stiff stems. This splendid rose always commands a fancy price, and is as prolific as any of the best forcing varieties. At the same time it is a first-class bedder and good all the year round.

A. GUDE & BRO., Florists, {
1224 F st., Northwest. }
WASHINGTON, D. D., Nov. 24, 1898.

Our experience has proved Golden Gate rose to be very profitable for a retail grower. It is especially profitable when successfully done so as to get the strong breaks right from the roots, which produce immense buds on strong 2 to 3 foot canes. These are fine keepers and always command a good price. We have retailed them regularly at \$3.00 to \$9.00 per dozen during the past three years.

It also produces a profusion of smaller buds on 6 to 12-inch stems, which are exceptionally useful for wedding bouquets, funeral clusters, and design work of all kinds. Its color being adapted to all occasions there is less waste with it than with any other rose.

Its color is so near the Carnot that the two can be well used together, and it is three times as prolific as the Carnot. We consider it indispensable and far superior for a retail grower to any of the introductions of more recent date.

A. GUDE & BRO., per WM. F. GUDE.

RAWSON, THE FLORIST.

ELMIRA, N. Y., Dec. 1, 1898.

I consider Golden Gate one of the best roses for the retail grower in existence to-day. It is a healthy, robust grower, a perpetual bloomer and easily done, and produces good flowers the year round.

I have been growing and retailing this rose with the greatest success during the past three years. The best blooms always command fancy prices and are very satisfactory to the purchaser, as they are excellent keepers. It is one of the most profitable roses that I grow.

GROVE P. RAWSON.

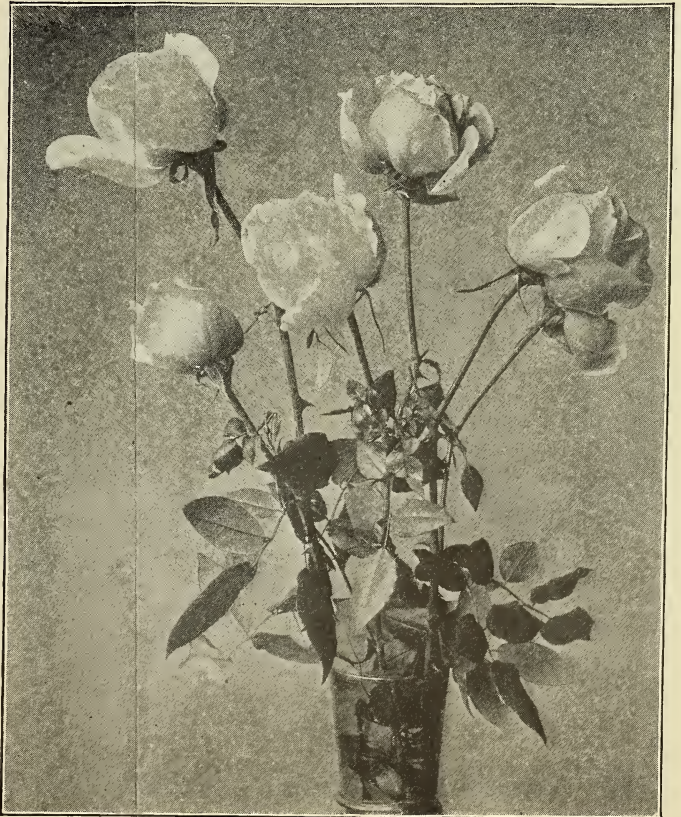
JOS. R. FREEMAN, Florist, {
612 Thirteenth st., N. W. }

WASHINGTON, D. C., Nov. 23, 1898.

I consider Golden Gate a first-class rose for retail trade. It is a good grower, good keeper and a good seller when well grown, and the demand for it increases as it becomes better known to the general public.

It is a good cropper and is exempt to a large extent from mildew and other troubles, and it is astonishing to me why it is not more universally grown. It certainly has enough good points to push its way into polite society, and I doubt if even Ward McAllister could keep it out much longer.

J. R. FREEMAN.



GOLDEN GATE ROSE.



COTTAGE GARDENS—WINTER SCENES.